

LG Electronics | 2009 2nd HALF CAMPUS RECRUITING

WHEN ELECTRONICS EETS LEGIAUN 2009.09.01 - 09.18 www.lge.co.kr

LG ELECTRONICS 2009

Yr 2009 2nd half Campus Recruiting

| Overview |

LG Electronics' innovative technologies, unique products, and cutting-edge designs are an investment in the future.

LG Electronics, Inc.(LG) is a global leader and technology innovator in consumer electronics, mobile communications and home appliances, employing more than 84,000 people working in 112 operations including 81 subsidiaries around the world. With 2008 global sales of \$44.7 billion, LG comprises of five business units - Home Entertainment, Mobile Communications, Home Appliance, Air Conditioning and Business Solutions. LG is one of the world's leading producers of flat panel TVs, audio and video products, mobile handsets, air conditioners and washing machines.

| Who Are We Looking For? |

- The Right People -

We call the talented people that we seek "The Right People" - the people, who will fit in well with the company's corporate culture and who are determined to win. Those who can pursue the "stretch goal" with the determination to perform brilliantly and win.

| Business Divisions and Main Products |

- Home Entertainment : LCD TVs, Plasma TVs, Audio, Video, Optical Storage

- Mobile Communications: Mobile handset (CDMA/GSM/3G), Mobile Accessory, PCB, WLL

- Home Appliance : Washing Machines, Refrigerators, Cooking Appliances, Vacuum Cleaners,

Built-in Appliances

- Air Conditioning : Residential Air Conditioners , Commercial Air Conditioners, Home Solution,

Compressors

- Business Solutions : Monitors, Commercial Displays, Car Infotainment, Security Business

| Recruiting Process & Schedule |

Visit LGE web site(http://www.lge.co.kr)



| Contact |

e-mail : Recruiter@lge.com



Job Opportunities 01

Company	Biz. Domain	Job	Description	Related major	Location
Home Entertainment Company	HE_Pyungtaek	R&D	* LCD TV Circuit Development : 영상신호처리, TV System개발 * LCD TV S/W Development : Linux System/Driver Programming, JAVA, Embedded Test	* Electrical Engineering & Electronics * Electrical Engineering & Electronics	* Pyeongtaek Factory
			* LCD TV Utensil Development : 기구설계, 음장분석/Simulation, 사출성형CAE, 금형, 구조강성해석, 실험계획	* Computer Science * Mechanical Engineering * Physics	* Seocho R&D Campus
				- Acoustics preferred	* Pyeongtaek Factory
			* Video S/W Development: GUI/UI, Channel manager, Browser, GUI/UI, Device driver, 신규 MOD servic e Protocol/Network, Web Browser GUI, Web Browser Media, HD Format (MPEG Decoding), File System & F ormat, DLNA/CIFS Protocol & Network, DLNA/CIFS Server Mgr,Media, System S/W Porting & Programming * Set Top Box Development: GUI/UI, Device Driver, EPG	* Electrical Engineering & Electronics * Computer Science * Telecommunication Engineering * Electrical Engineering & Electronics * Computer Science	* Pyeongtaek Factory
			* Audio Development : u-com, RF (DMB-T/ i-phone), HTS 기구설계	* Telecommunication Engineering * Electrical Engineering & Electronics * Computer Science * Telecommunication Engineering * Mechanical Engineering	
		구매/자재	* LCD Module Development : Module Maker와 SPEC 협의 및 개발 * 기구구매 : Global Procurement 전략 수립, 해외법인 지원 : 단가 결정, 통합 Nego, CI, 협력사운영, 현채인 육성, Press /사출 관련제품 buyer 업무 : 부품 개발, 협력사 관리 / 육성 * LCD 모듈구매 : 패널 구매 전략 수립 및 실행, 가격/물량 협상	* Electrical Engineering & Electronics * Business Administration & Economics * Mechanical Engineering * Business Administration & Economics * Linguistics	
	HE_Chungju	R&D	* R&D Planning: New Biz. Searching(Display & Energy & Ecology # Material/Component), R&D Planning * Material Design & Process: UV / Acrylic Resin, Glass / Conductive Paste, Paste / Slurry Mixing, Disper sion, Coating * Optical Design: Optical Structure Design, Optical Film for BLU, Master Mold Design, Optical Patterning	* Advanced Materials Sci. & Eng. * Chemicals	* Cheongju Factory
		경영전략 [/] 기획 구매/자재	* Production Management : Production Planning, Line Operation, Stock Management * Purchasing : Materials & Quality & Suppliers Management, Procurement * Management : Color Management : Color Management : Stock Management : Management : Color Management : Management : Color Mana	* Chemistry * Business Administration & Economics * Industrial Engineering * Publisher Administration & Economics	* Turin D/D
	HE Seoul	Marketing Marketing	* Marketing : Sales Maximization, Strengthen Profitability & Brand, Marketing Strategy * Marketing : Sales Maximization, Strengthen Profitability & Brand, Marketing Strategy, SVC	* Business Administration & Economics * Linguistics	* Twin B/D
Mobile Communications Company	MC_Handset R&D Lab.	R&D.H/W	* Handset Hardware Development: WCDMA, CDMA, GSM 단말기 RF 회로설계, 휴대폰 ANT 설계 및 측정, B andwidth 확장, Mobile Baseband(Digital/Analog Circuit), Access Network(방송/무선인터넷), Audio/LCD/Camera 회로설계, 회로 CAD/CAE, Mobile 신뢰성, 실장기술, PCB	* Electrical Engineering & Electronics * Computer Science * Telecommunication Engineering	* Gasan R&D Campus
Company	MC_PC R&D Lab. MC_Handset R&D Lab.	R&D.S/W	* PC Hardware Development : Notebook/MID/Netbook 회로 및 구조설계, PC 신뢰성, 실장기술, PCB * Handset Software Development : C/C++, Visual C++, JAVA 프로그래밍, Embedded OS(RTOS), Open OS(Linux, Windows Mobile, LIMo) 분야 Porting, Application 개발, Embedded OS/Open OS기반의 Firmware, D evice Driver, Protocol 개발, Multimedia Application, Notebook,MID,Netbook 분야 프로그래밍	* Telecommunication Engineering	
	MC_PC R&D Lab. MC_Handset R&D Lab.	R&D.UI R&D.기구	* PC Software Development : Notebook,MID,Netbook 분야 프로그래밍 * Handset UI : 단말 UI 시나리오 설계, Graphic Design, Usability test 및 Cognitive approach research * Handset 제품설계 : 구조설계, 신뢰성설계, CAD, 요소설계, 사출성형/금형	* Mechanical Engineering	
	MC_Seoul	Overseas Sales & Marketing	* Handset 기구응용기술 : 표면처리기술, CAE, 포장설계 * 해외영업 업무 : 담당 지역 손의/실적 관리 책임, 지역 PRM, Marketing Comm., Launching, 담당 지역 Key Accoun t Manager 관리 및 Issue 해결	* Business Administration & Economics	* Twin B/D
		Domestic Sales & Marketing Product Planning	* 한국지역영업 업무: 영업관리, 상권분석 및 유통전략 수립, 채널 판촉 진행 및 홍보 전략 수립/추진	* Linguistics * Business Administration & Economics	
			* 상품기획 업무: Consumer Insight 발굴, 상품기획, Platform운영 전략 수립	* Engineering field * Design * Business Administration & Economics	
		물류 생산관리/제조	* SCM 업무: Logistics Innovation, Managing Overseas marketing Supply Chain Management (SCM) proces s, GOC Planning * 생산 관련 업무: 생산 목표달성, 양산품질확보, 생산성 향상, 생산 비용관리, 계측/설비 PM 관리, 인원관리, 자재 진도	* Business Administration & Economics * Industrual Engineering	* Pyeongtaek Factory
		구매/자재	관리, 재고관리(불용재고 최소화), 자재관리 (발주,재고분석,FP 수행), Line Full Kit 자재관리 * 구매 관련 업무: 부품 선행 개발과 표준화ㆍ공용화를 통한 최적 부품/업체 Pool 운영, 전략적 업체관리 및 통합구매	* Business Administration & Economics * Industrual Engineering	r yeongweik r detory
		QA HR	Synergy를 통하여 Global Top 수준 구매 경쟁력 확보 * 품질 관련 업무: 품질관리 * HD지역 GR. NIPM NIPD - TATE #	* Engineering field * Business Administration & Economics	* Twin B/D
		경영전략/기획	* HR관련 업무: HRM, HRD, 조직문화	* Linguistics * Human Studies	* Twin B/D
Home	HA_Seoul	Marketing	* 경영관리 업무: 경영전략/기획, 원가관리, 회계업무 * Marketing: Marketing strategy, Market analysis, intelligence & communication, Marketing ROI process,	* Business Administration & Economics * Business Administration & Economics	* Pyeongtaek Factory * Twin B/D
Appliance Company	HA_Changwon	R&D	* 구조해석/설계 : CAE(컴퓨터 응용 공학)-Solid 모델링(Pro/Engineer), 유한요소해석(MSC/NASTRAN/ ANSYS/	* MBA preferred * Mechanical Engineering	* Changwon1
			FLUX), 경계요소해석(SYSNOISE), 설계민감도해석(SENS/ MAGSEN)/ 최적설계(DOT), 금속성형 과정의 시뮬레이션, 구조물의 충격해석과 최적설계, 구조물의 자동해석 및 자동설계 프로그램 개발 * 냉동공조 Cycle: 압축식 공조 / 냉동 Cycle, (열전달/유동이론/ 고온 열제어/ 냉매/공기물성/ 윤활/마모/ 계측/분석).		
			신방식/기타방식 (Thermo module/ MR/ MH/ 흡수식) Cycle * 소음진동/구조설계: 고속 회전체 진동 특성 분석, Noise Source 진단, Compressor Shell설계, Low Noise 구조설계, 구동부 및 구조물 설계, 소음 원인 규명 및 저감, 동적 거동 평가/분석 (실험 및 해석)	* Mechanical Engineering	
			* 시스템 설계: Design Optimization, Noise & Vibration Control, Psycho & Bio Acoustics, Electromagnetic system Design, 각종 메카트로닉 시스템의 해석 및 최적설계 * 유체역학: 유체역학 응용(유체기계/전자기계/환경 등, 열/유체 유동 해석, CFD 응용) * CAD/CAM: CAD/CAM	* Mechanical Engineering * Electronics * Mechanical Engineering * Mechatronics	
			* 기구설계 : 압축기용 기구설계	* Mechanical Engineering * Mechanical Engineering	
Business Solutions Company	BS_pyungtaek	R&D	* Verification Engineer : Verification of system modeling	* Electrical Engineering & Electronics * Computer Engineering	* Seocho R&D Campus * Pyeongtaek Factory * Seocho R&D Campus
			* Digital Signage / Enote - H/W & S/W Engineer : Embedded digital signage 개발, eNote 개발, Digital	* Electrical Engineering & Electronics	
			Information Frame개발 * Commercial Display S/W & H/W Engineer : Video/Audio decoder Application 설계, 전원 설계, Network 설계, 제품 개발 (Hospitality TV), Digital Signage (O/Sourcing개발), Field Engineering	* Computer Engineering * Electrical Engineering & Electronics * Computer Science	* Pyeongtaek Factory
			* Car AV. Telematics 기구설계 : Car AV. Telematics 기구설계 * Security Mechanical Development Engineer : Security 제품기구개발	Mechanical Engineering Precision Machinery Engineering	
		R&D.Support	1) Domes카메라, Box카메라 등, 2) DVR * Monitor R&D Planning : Solution 중심의 기술 기획, 개발 기획 /	Mechatronics preferred Electrical Engineering & Electronics	
		R&D.S/W	* Monitor Software Development Engineer : 영상/ 음향 제어 시스템/ Operating System 개발, TV S/W개	* Computer Engineering * Electrical Engineering & Electronics	
		R&D.기구	발, Windows / Linux Application S/W개발 * Monitor Mechanical Development Engineer : 선행개발	* Computer Engineering * Electrical Engineering & Electronics * Computer Engineering	
		환경안전/시설기술	1) Monitor 제품 개발/설계, 2) Signage 제품 개발/설계, 3) m-TV 제품 개발/설계 * Eco Strategy part(환경분야): 개발제품의 유해물질 파악 * Standart part(규격분야): 개발제품의 규격화	* Computer Engineering * Chemistry : Eco Strategy part	
				* Electrical Engineering & Electronics : Standart part	
		생산관리/제조	* External Manufacturing support(MMT, Commercial Display): Commercial Display 관련 업체 발굴, M onitor 관련 업체 optimization, 물량, 물동 협의 및 F/up, EM 업체 환경 분석 및 전략적 leading, EM Process innovation	* Engineering background - Electrical Engineering - Electronics - Mechanical - Etc. * Business management,	* Pyeongtaek Digital Park
			* External Manufacturing support(Car, Security) : Car EM 관련 업체 발굴, Security RM 관련 업체 capabil ity 확보 지원, 물량, 물동 협의 및 F/up, EM 업체 환경 분석 및 전략적 leading, EM Process innovation	* Trade etc.	* Pyeongtaek Digital Park
		경영전략/기획	*Analysis the cost : 기구물, 회로물 부품 원가분석 업무, Anklesaria Tool 및 cleansheet 활용을 위한 인원 확보, 기타 개발업무 지원	* Business management, Trade etc. * Engineering background - Electrical Engineering - Electronics - Mechanical	* Pyeongtaek Digital Park
		구매/자재	*Development Sourcing Stratey : CMDT별 전략수립, Parts Sourcing in LCC, Negotiation with suppliers (CI, Terms conditions stc)	- Etc. * Engineering background - Electrical Engineering - Electronics - Mechanical - Etc.	* Pyeongtaek Digital Park
			*Process Innovation for procurement: Optimized procurement process planning, Lead time Innovation, Negotiation with suppliers (follow up the Delivery, Quantity & Quality)	* Business management, Trade etc. * Engineering background - Electrical Engineering - Electronics - Mechanical - Etc.	* Pyeongtaek Digital Park
	BS_Twin	Marketing	* B2B Salses Management(OEM): B2B Proposal Sales, Create New Market * Marketing Management: 사업계획/손이분석/경영전략	* Business management, Trade etc. * no specific major required * no specific major required	* Twin B/D * Twin B/D
			* Marketing Management : 사업계획/손익문식/성영진탁 * Brand Management : Brand Identity 정립 및 관리, Brand activation guideline 정립 및 관리 * Marketing communication 전개 : Marketing communication 전략수립, Marketing communication 전개 (a d, event, on-line, exhibition, etc.,)	* Marketing * Communication * Business administration	* Twin B/D
			* Marketing budget의 ROI 분석 및 관리	* Ad & PR	
Korea Region	Korea Region_Seoul/Gyeonggi Korea Region_Gangwon Korea Region_Chungbuk Korea Region_Chungnam	i Sales Management	* Channel Sales Management: Sales Mgt., Analyze Retail Zone & Develop Channel Strategy, Sales Promotion Process, Drive Public Relations Activities * B2B Salses Management: B2B Proposal Sales, Create New Market, Secure a Contract Sales, Solution Providing	* no specific major required * no specific major required (Degree in Engineering or	* Seoul/Gyeonggi * Gangwon * Chungbuk * Chungnam
	Korea Region_Chonbuk Korea Region_Chonnam Korea Region_Gyeongbuk Korea Region_Gyeongnam			a related field prefered)	* Chonbuk * Chonnam * Gyeongbuk * Gyeongnam
Headquarter	CMO	Customer Service	* Customer Insight Development: CS strategy planning / MOT Management * CS Competency Enhancement: CS KPI monitoring & Supporting for overseas subsidiaries	* Human Studies * Business Administration & Economics	* Gangseo B/D
			* CS Operation Management : SVC Cost Management		

Job Opportunities 02

ompany	Biz. Domain	Job	Description	Related major	Location
Air Conditioning Company	AC_Seoul	경영전략/기획	* Planning & Management : 사업계획 / 결산 / 경영분석 / 구분손익 / O/H 관리 등	* Business Administration & Economics * Accounting	* Gasan R&D Campu
		R&D.Support	* Electrical & Electronics Control : Intelligent Building System, Building Management System Control(s		_
			ales Engineering / Project Engineer / Project Management) * CS : 홈네트웍 솔루션, 호텔 솔루션, 조명사업의 해외사업 확장에 따른 해외 CS업무, SVC TP, 사업계획 수립,VOC 처	* Electrical Engineering & Electronics	-
			리 역량, Customer insight, Network 운영전략 수립을 통한 SVC Process구축 * Outsourcing 구매: 홈네트웍 솔루션, 호텔 솔루션 아웃소싱 제품에 대한 구매, 구매원가분석, Market 경쟁관계분		_
			석, Target Costing이해 / BOM / 재료비구조 / 재료비분석		
		Marketing	3, 50, 50, 10 = 1,	* Business Administration & Economics * Statistics	* Twin B/D
			* Marketing : Integrated Marketing Communication, 광고, 홍보	* Psychology * Business Administration & Economics * Public Relations & Advertising	
		IT		* Mass Communications * Computer Science	-0
				* English Language and Literature * Mechanical Engineering	-
			* Sales Engineer: Product Engineering, 제품 설계 및 검토, 제안, GTMM 담당	* Mechanical Engineering	* Tl. D/D
		물류	- SCM 기획 : SCM Performance 분석 / SCM 프로세스 및 IT 기획	* Supplier Chain Management(SCM) * Industrial Engineering	* Twin B/D * Changwon2
			- 수요혁신: 수요예측(CPFR/ 통계적 수요예측기법 등) 프로세스 혁신 - 공급혁신: 공급계획 수립 프로세스 혁신	* Business Administration & Economics	
		R&D.Support	- 물류혁신: 중장기 물류전략수립/ 물류비 분석/ 물류 프로세스 혁신 등	* Electrical Engineering & Electronics	* Gasan R&D Camp
				Mechanical Engineering Telecommunication Engineering	
			* Electrical & Electronics Control: Intelligent Building System, Building Management System Control(s		-
		R&D.H/W		* Electrical Engineering & Electronics	_
			* H/W품질 : BMS/호텔솔루션/조명솔루션에 대한 H/W품질, H/W평가를 위한 시험방법설정, 분석/평가할 수 있는 품질설계 및 회로이론, 품질불량 해석기술	* Electrical Engineering & Electronics	
		R&D.S/W	* 연동 및 S/W 품질: BMS/호텔 솔루션 연동제품에 대한 S/W품질, S/W구조, S/W공학, S/W Test process이해, S/	* Electrical Engineering & Electronics * Computer Science	-
			* S/W : Embedded S/W설계, 개발(호텔 국내/해외향)	* Electrical Engineering & Electronics	
	AC_Changwon	경영전략/기획		* Computer Science * Business Administration & Economics	* Changwon2
		재경/금융	* Cost Planning(워가기희): 워가 결산 / 연결수익성 / 총워가관리 / Accounting	* Accounting * Business Administration & Economics	
		총무/업무/홍보	* Corporate Culture/Innovation : HR/B3X의 조직문화 / 혁신업무	* no specific major required	-
		QA	* Quality assurance(QA) : 품질관리 담당자	* Mechanical Engineering * Mechanical Engineering	
			* Sales Engineer: Product Engineering, Academy Set up, Operation	* Electrical Engineering * Refrigeration	
				& Air-Conditioning Engineering * no specific major required	* Changwon2
		물류	ு Supply Chain Management(கட்ச) : Supply Chain Management இடி	- Industrial Engineering preferred	Changwonz
				 ability to communicate in English (Speaking & Writing) 	
		생산기술	* 생산기술 : 공장기희 및 생산공장 Layout * 공정설계 : 신 생산 방식 및 물류 전문가	* Industrial Engineering	
		구매/자재	* 자재수급 : Air Conditioner 주요자재 수급 및 개발 Input	* Mechanical Engineering	-
			LE IP / CHECKEL	* Law * Electrical Engineering & Electronics	-
		생산관리/제조	* Management - GLOBAL(LGETA/LGEIL/LGETH) Out-Sourcing 통합관리 및 지원, R&R 조정 LGETA: LG Electronics Tianjin Appliances Co., Ltd	* Business Administration & Economics	
			LGEIL : LG Electronics India (PVT.) Ltd. LGETH : LG Electronics Thailand Co.,Ltd.		
	AC_Changwon	R&D	* 전장/회로: 회로부품 품질관리-CAC / 인버터 회로 전문 (회로 설계 / 특성 분석 / 공정 기획 / 검사기획)	* Electrical Engineering & Electronics - Circuit preferred	* Changwon2
			* 전장/회로: 전장회로 품질관리 (LED Out-Sourcing관련 품질관리, Out-Sourcing업체 회로부품 품질진단)	* Electrical Engineering & Electronics - Circuit preferred	-
			* LED : LED 품질 관리(LED 신뢰성 시험, 품질 관리, 방열, 광학 특성, 렌즈 특성 분석, 광계측 분석)	* Electrical Engineering & Electronics	
			* 모터 및 진동 해석 : 모터 해석 및 최적설계/ 진동/음향계 해석 및 제어	LED preferred Mechatronics	-
			FLUX), 경계요소해석(SYSNOISE), 설계민감도해석(SENS/ MAGSEN)/ 최적설계(DOT), 금속성형 과정의 시뮬레이션,	* Mechanical Engineering	
				* Architecture	
			* 기술경영: KMS(Knowledge Management System), Analysis of Digital Economy, Technological Knowledge	* Architectonics * Industrial Engineering	-
			Management System(TKMS)	* Mechanical Engineering	=
			석), 신방식/기타방식 (Thermo module, MR, MH, 흡수식) Cycle		_
				* Mechanical Engineering * Electrical Engineering	7
			* 성능해석/설계: 유체기계의 성능 해석 및 설계(발전설비와 터보기계들의 공력설계, 유동해석, 소음저감), Cycle 설계,		_
			* 시스템 설계: Design Optimization, Noise & Vibration Control, Psycho & Bio Acoustics, Electromagnetic sys	* Mechanical Engineering	2
			* 시스템 최적화 : Discrete Optimization, 정수계획법-Polyhedral combinatorics, 분지한계법, 열생성 기법, 절단평	* Electronics * Industrial Engineering	
			면 연구, 라그랑지 완화법 * 신소재 : 친환경, 신재생 에너지, 초전도 및 자성재료, Nono 구조 해석, Nono 공정 기술	* Advanced Materials Sci. & Eng.	
			* 신호처리: 영상처리(물체 인식 및 판독을 위한 알고리즘 이론 개발), 생체계측, 생체신호처리	* Electronics * Mechatronics	
			* 유체역학 : 유체역학 응용(유체기계/전자기계/환경 등, 열/유체 유동 해석, CFD 응용)	* Mechanical Engineering	
			* 전력전자: 전력전자, 시스템 보호, 전력 변환기, 전동기 드라이브, VPS	* Electronics * Electrical Engineering & Electronics	
			* 제어: Sensor 및 Actuator 설계 및 제어, Motion 제어, 전자기 시스템 설계 및 제어	* Electronics * Mechatronics	
			* 제품공학: 제품 플랫폼 및 아키텍처 설계, 라이프사이클 공학을 위한 데이터 관리 방법론, 환경친화적 제품 설계 방법	* Industrial Engineering	
				* Mechanical Design	
			* 컴퓨터/제어: 최적화 알고리즘, 컴퓨터구조, 마이크로 프로세서, 모터제어, 자동제어	* Electrical Engineering & Electronics * Computer Science	
			* 회로/시스템 설계: Analog/Digital/통신용/저전력 회로 설계, Hardware/Software 통합 설계	* Electrical Engineering & Electronics * Mechatronics	
				* Mechanical Engineering	
			* 기구설계: 압축기용/윤활/유체유동/Tribology/마모/신뢰성	* Mechanical Engineering * Mechanical Engineering	
			* 신재료: 압축기 or Motor용 신재료 개발 및 평가	* Material Engineering * Electrical Engineering	
				* Refrigeration	
				& Air-Conditioning Engineering	-
			* 디지털신호처리: 디지털신호처리 이론을 기반으로 하는 음성인식, 음성합성, 영상신호처리, 데이터 압축, 디지털 필터 등 기술(이미지 센서, 센서 어레이, 카메라 사용) * 로봇/지능제어: SLAM / Robotics(로봇제어/지능제어) / Sensor / Opto-Electronics, DSP Control(Hardware 및		
			* 로봇/시듬세어 : SIAM / RODUICS(로봇세어/지능세어) / Selisor / Opto-Electronics, DSP Control(hardware 및 Software) / Logic IC 응용 설계 * 시스템 제어기 설계 : 제품특성 이해 기반에서 제어이론(지능제어/ 선형제어/ 비선형제어이론 등)을 적용하여 제품 구		
			동 알고리즘 설계기술 및 MICOM 기반 구현, MCU설계, Sensor, Opto-Electronics, 전력전자, 아날로그 시스템 설계		
			* 일반 H/W 설계 : 제품 컨트롤러 설계기술/ 부품선정 등	* Electrical Engineering & Electronics * Electrical Engineering & Electronics	
			* Embeded H/W : 아바타와 같은 디지털 H/W 설계 기술, 임베디드 관련 경력자	* Electrical Engineering & Electronics * Electrical Engineering & Electronics	
			* Inverter 제어: BLDC 모터의 제어기 설계, Vector 제어, SVPWM 제어, 전류 제어, 속도 제어, BLDC 모터 제어 기		
				* Electrical Engineering & Electronics	
			* Embeded S/W : ARM 계열 등의 프로세서 기반에서 응용 S/W 및 Firmaware(Driver) 프로그래밍 기술 - non-OS , WinCE ,Embeded Linux		
			* S/W 공학 : SW공학의 이론적 기반의 SW 구조화 설계와 분석 기술, 문서화 기술, UML / State diagram / Data	* Electrical Engineering & Electronics	
			flow diagram 등을 활용한 S/W의 분석 및 설계, 객체지향 구조 이해		

Job Opportunities 03

Company	Biz. Domain	Job	Description	Related major	Location
CTO Division	Advanced Research Institute - Devices & Materials System R&D Lab.	R&D	* Devices & Materials : Solar Cell(Si Thin Film, Crystal solar cell, 박막 plasma 장비), Healthcare (Sensor, o ptical Spectroscopy, 혈액분석 기술), Optical Device(화합물 반도체), Optics (광학 설계, circuit driver), Water treatment (membrane, filnter), MEMS device		* Umyeon R&D Campus
	Advanced Research Institute - Information & Technology R&D Lab.	R&D	* Human Computer Interaction : Sensor Signal Processing, Object Recognition, Haptic, 음성인식 및 합성, Usability Engineering, User Modeling, UI Platform & Application * Audio & Visual Processing : Speech / Audio / Image Processing (Codec) Enhancement/Acoustics * Network : Mesh Network, Audio / Video transmission, WPAN, WLAN, TCP/IP, Routing, Home Network * Application software : Web/Java/Flash Programming, GUI Programming * Fast Prototyping Implementation : 제품개발 (H/W Design, Middleware/Application 개발, Device Driver, DSP, Firmware, OS), Application 개발 (PC / 단말 Application), Software Quality Engineering * New Research Area : Wireless Security, BMS (IBS), Bio Signal Processing, etc	* Electrical Engineering & Electronics * Computer Science * Human Factors/Ergonomics * Human Sensibility Ergonomics * Cognitive Science	* Seocho R&D Campus
	Advanced Research Institute - Software Center	R&D	* Software Quality Engineering: Software Quality Assurance, Software Test Engineering, Software Engineering Tool, Software Development Environment, Software Quality Measurement & Analysis, Technical Writing * Mobile/Home Application Engineering: Software Platform & Application Framework Design, Software Architect, Operating System, Refactoring, Embedded System Software, Mobile Applications, Web Browser & Application, Development Tool, Server System Design, Web & Flash Runtime, Network Design * Open Source & Linux: Embedded Linux, Linux GUI libraries & multimedia framework, Open source soft ware, File system, Virtualization for embedded systems, Software for multi-core / many-core processors, A	* Computer Science * Information & Communication Engineering * Mobile Communication Engineering	* Seocho R&D Campus
	Digital TV R&D Lab.	R&D	ndroid platform, Thin client * Product Embedded S/W: O/S, Device Driver 설계, Middleware, Application S/W, System S/W Design, J AVA Application * ASIC설계: System/Audio/Video Decoder설계, Video Processor ASIC설계, Embedded CPU/Memory Control/ Host Interface ASIC 설계, 화질항상 ASIC 설계, Chip Architecture설계, DTV Board H/W 및 S/W, Lib설계 * H/W Design: Digital Circuit Design, Analog Circuit Design, R/F Design, System Design * Digital 신호처리: Data 압축/복원, Coding, Syncronization, Equalization, 영상해석, 음성해석/합성	* Electrical Engineering & Electronics * Computer Science	* Seoul University
	Data Storage R&D Lab.	R&D	* Storage System : Servo, High Density Recording/Coding, Optimal Power Control, Write Strategy, Digital Signal Processing, H/W (Circuit, RF), PC Interface(ATAPI, SATA, USB), Wear-leveling, Flash Transition Layer, Encryption/Decryption, ECC, Parallel process, Near Field Recording, Data Coding(1D,2D) * S/W & Network 응용 : MPEG Data Processing, Embedded System, Vision Application, DRM, OS응용(Wind ows, Linux Programming), Database & Intelligent System, (Database Mining / Knowledge Discovery / Multi media Database Systems), Networking (Local Computer Networks / Mobile Wireless Networks), Network Se curity, User Interface * Mechatronics / Robotics : Mechanism, Servo & Actuator, Vibration, Magnetics, CAE, Human Computer Interaction, Haptic, Motion/Force Control, Biomedical Engineering * Optics : 회접/점상 광학계, Coating 설계, 광학소자설계 (DOE/HOE등), 광학 System Simulation	* Computer Science * Mechanical Engineering * Control Engineering * Biomedical Engineering	* Seocho R&D Campus
	Display R&D Lab.	R&D	* 광학 : 광학 Engine설계, 투사/조명 광학계 설계 및 광특성 측정 평가, 광변조, 광Noise제거, 색분리 및 합성, 광학 Filter 설계 (시인성 개선, 3D(입체 디스플레이) Filter등), Laser Speckle 저감 * 구조 설계 : 설계 Mechanism, 냉각, 진동/소용 * Processing : 재료, 공정, Packaging, 신뢰성 평가 * 화실/ ASIC / 회로 : 화질 항상 Algorithm, 화질 측정,평가, VHDL Coding, Simulation, FPGA설계, Display 구동 회로 및 파형 설계 * S/W : 3D Contents 저작 Tool 설계(Graphic Design) * 재료 : 재료 조성 설계 및 공정(형광체, 유전체, 전극, Film 등) * Display 소자 : PDP, Projector, New Display Device(3D)	* Electrical Engineering & Electronics * Image Engineering * Physics * Mechanical Engineering * Electrical Engineering & Electronics * Image Engineering * Information & Communication Engineering * Electrical Engineering & Electronics * Material Engineering * Chemistry * Physics * Electrical Engineering & Electronics * Material Engineering	* Umyeon R&D Campus
	Multimedia R&D Lab.	R&D	* Signal Processing: Video Codec, Audio Codec, Speech Codec, Image Codec, Codec Optimizing, DSP Chi p 응용 * AV Processing Technology: Image Generation, Image Processing, Image Display, Audio Processing, Pre/Post Processing(Quality Enhansment Technology) * S/W기술: Embeded OS은용, OS응용, User Interface (Flash/GUI/3D Programming), Application S/W, Archi tecture Design, Linux/UNIX/WinCE Programming, Middleware Design(Network, Broadcast), Application(AV Media, Network, Camera, Web, LBS,) * Removable Memory 응용기술: 반도체 Memory 응용기술 * 통신/네트워크: Protocol, Modem I/F, Wireless Modem, Digital I/F, HomeLAN, Router, Gateway/Server, RF Antenna, Network Security * 제품설계기술: Analog Signal Processing, Digital Signal Processing, System Interface 기술, Computer Applied Equipment Design, ASIC Design, Structure Design * System Technology: Network, System Control, System Integration * LBS 기술: Navigation 알고리증, GPS 기술, Dead Reckoning 기술, WPS 기술, 기타 Positioning 기술, 2D/3D Graphic Display 기술, DB 검색 기술, Web Contents 응용기술	* Electrical Engineering & Electronics * Computer Science	* Seocho R&D Campus
	System IC Business Team	R&D Marketing	* Software Engineering: S/W Quality Engineering, S/W Test Engineering, System test engineering * System IC 설계: Design Methodology, Digital/Analog 회로설계, RFIC, Analog IP 설계, Flat Panel Display용 구동IC & PM IC개발 - LCD, PDP, AM OLED, Application, IC Test * Multimedia & Broadcasting: Video Codec, Codec, Image/Video Processing, Sound Processong, Channel Receiver * Embedded Software: RTOS, Device Driver, Middleware * Marketing/Sales: Product Management, 전탁 마케팅, 영업 관리	* Computer Science	* Umyeon R&D Campus
	Mobile Communication Technology Research Lab.	R&D	* Modem Technology: 3G/4G Modem Solution, System Engineering, Physical Layer, Layer 2/3/NAS/USIM , Embedded Processor, SoC Technology, Baseband HW, RF, MIMO Antenna, RTOS/OpenOS, USB Host/Client Driver * Standardization and Research: GSM/EDGE/UMTS/LTE Network Architecture, Radio Access, Radio Interface Protocol, Packet based IP Protocol, Mobile Application Standardization, Cooperative Network, Cross-layer Optimization, Cooperative Network, Cross-layer Optimization, Physical Layer, Layer 2/3	* Computer Science * Information & Communication Engineering	* Anyang Lab
	HAC R&D Lab.	R&D	* 전동소음 : 진동소음 측정 및 평가기술, 진동/소음계 모델링, 방음 방진 * 구조역학: 구조역학 측정 및 평가기술, 해석기술 * 열공학: 열역학, 열전달, 물질전달 * 유체/유동: 유체유동 설계기술, CFD, 유체유동 계측기술, IAQ, Bio / Micro fluidics	* Mechanical Engineering * Aerospace Engineering * Physics * Mechanical Engineering * Aerospace Engineering * Material Engineering * Mechanical Engineering * Aerospace Engineering * Chemistry * Mechanical Engineering	* Gasan R&D Campus
			* 재료 및 신뢰성 : 신소재응용, 신뢰성, Tribology, Heating System, Coating, 냉동공조재료 * Software & Network : 제어응용, System제어, Network통신, SW Quality Assurance	* Aerospace Engineering * Material Engineering * Mechanical Engineering * Physics * Chemistry * Aerospace Engineering * Electrical Engineering & Electronics * Control Engineering * Telecommunication Engineering	
Hondayartor	Productivity Research Institute	R&D	용, MW응용, Plasma 응용	* Electrical Engineering & Electronics * Control Engineering * Mechatronics * Physics * Mechanical Engineering * Methanical Engineering	
Headquarter	Productivity Research Institute	ROLD	* Manufacturing Research: Lean Manufacturing, GSCM, Product Development Process, Marketing, Production Plan, New Production Method * Development Research: CAD/CAM, EDB, Structural / Injection / Vibration / Thermal Analysis, Supporting Productivity improvement	* MBA * Marketing * Industrial Engineering * Mechanical Engineering	* Pyeongtaek Factory * Pyeongtaek Factory
			* Manufacturing Process Technology: Coating, Printing, Molding, Nano Material Application, Atmospheric pressure Plasma, surface treatment, Injection molding * Laser Application Technology: Laser Application, Direct Patterning, Repair	* Material Engineering * Chemical Engineering * Mechanical Engineering	* Pyeongtaek Factory * Pyeongtaek Factory
			* Appearance Technology: Development for Surface Treatment, Forming & New Materials, Coating, Printing, Anodizing, New Concept Design: Color, Material, Finishing	* Material Engineering * Electrical Engineering & Electronics * Chemical Engineering * Polymer * Mechanical Engineering	* Pyeongtaek Factory
			* Thinfilm Technology: Thermal & Particle Contol / Design, Vacuum Deposition Processing & System, Sputtering * Photo Lithography: Projection / Proximity Exposer, Maskless Lithography, Machine Control, Mechanism	* Plasticity * Mechanic, Material, Control * Chemistry, Physical Engineering * Physics, Optics, Automation	* Pyeongtaek Factory * Pyeongtaek Factory
			/ Vibration analysis * Evaluation Technology: Machine Vision, Control Systems & Automation, Sensor & Measurement, Digita Signal Processing & Embedded System	* Automation, Control Engineering	* Pyeongtaek Factory
			Motion Control and Stage	* Electronics * Electrical Engineering & Electronics * Control Engineering * Instrumentation Engineering * Electrical Engineering	* Pyeongtaek Factory
			* Electronic Packaging Technology: Parts & Board Design / Analysis, Develop Package / Module, EMI & EMC, Eco-friendly Soldering Tech. * Transfer Equipment: Transfer System diagnosis & Consulting, Transfer system Control, 3D Modeling & Transfer Simulation, Display Plant Layout Design & Transfer System Control, 3D Modeling & Tran	* Electric Wave * Telecommunication Engineering * Mechanical Engineering	* Pyeongtaek Factory * Gumi
			Transfer Simulation, Display Plant Layout Design & Transfer system * Module Equipment: Module Bonding technology, Machine Control, Module new process, PDP, LCD Module Process	* Electrical Engineering & Electronics * Control Engineering * Mechanical Engineering * Inderstrial Engineering * Material Engineering	* Gumi
			* Quality Research : Reliability Test method Development & Standardization, Reliability In Use, Practical Quality Process	* Hactrial Engineering & Electronics * Electrical Engineering & Electronics * Statistics, Physics * Inderstrial Engineering * Chemical Engineering	* Pyeongtaek Factory

