

# “College students armed with coding skills are also capable of solving social problems” GIST holds the 2nd Hello World Hackathon in Gwangju and Jeonnam areas

- Creative software development skills will be competed under themes revealed on the day of the competition, such as ▲ Barrier-free, ▲ Mental Health, ▲ Eco-Friendly, and ▲ AI Ethics
- The ‘DASH’ team, which developed a service to promote social activities of ‘active seniors’, received the AIX School Director’s Award... “I hope this will be an opportunity to constantly think about what a science and technology society needs.”



▲ Students who participated in the ‘Hello World Hackathon’ are taking a group photo.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that it held the ‘2nd Hello World Hackathon’ competition to discover students interested in artificial intelligence (AI) technology and strengthen software development capabilities.

\* hackathon: A compound word of ‘Hacking’ and ‘Marathon’, which refers to an event in which a service tailored to a topic is planned and developed within a certain period of time.

Hosted by the GIST student club GCC (GIST Creative Craters), this hackathon competition was sponsored by the GIST AI Policy and Strategy Graduate School (AIX School), GIST Office of Academic Planning, GIST AI Graduate School, Amazon Web Services (AWS), and AETECH, SOCAR, Cloud Stone, and Mediwhale and was held at GIST AI Studio from May 10th (Fri) to 12th (Sun).

On the first day of the event, the 10th, special lectures were given by ▲ GIST AIX School Dean Joon Ha Kim gave a lecture on 'The Inevitable Future, Artificial Intelligence, and Generative AI' ▲ AETECH Co., Ltd. CSO Jae-ho Ryu’s ‘AETECH’s AI technology and startup growth story’ ▲ Amazon Web Services (AWS) Director Byeong-jun Kim’s ‘AWS’ SDGs and ESG Management’ and informative programs such as "Training Session for Beginners" developed by GIST's programming club WING were held and received great response from prospective AI technologists.



▲ Students are listening to a special lecture on 'The Inevitable Future, Artificial Intelligence, and Generative AI' by GIST AIX School Dean Joon Ha Kim.

Nine teams of 50 college students from Gwangju and Jeonnam participated in the competition, competing for software development skills on four topics: ▲ Barrier-free, ▲ Mental Health, ▲ Eco-Friendly, ▲ AI Ethics.

Students worked independently and collaboratively to develop creative solutions to social problems, including solutions to depression, services for people with dementia and adult ADHD, and a website that encourages recycling of pop-up store waste.

The grand prize-winning DASH team (Soo-bi Lee, Hyun-jun Yang, Hyun Jeong, Seong-ho Bae, and Sang-hee Noh) developed SALM, a service to revitalize social activities for active seniors. They received high praise for their efforts to provide the services desired by consumers by designating personas, which are virtual characters, and were honored with the 'AIX School Dean's Award'.

\* active seniors: Refers to people in their 50s and 60s who actively participate in social activities even after retirement and are active in consumption based on sufficient economic power.

The grand prize, the 'AIX School Vice Dean's Award', went to 'Seesaw Team' (Seohyun Joo, Semin Han, Misol Park, Shinhyuk Lee) who developed the emotion recording map app 'MOOMAP (Mood+Map)'. The 'AWS Special Award' was awarded to the 'Tackathon Team' (Ye-eun Kim, Min-seok Yoon, Eun-young Kim, Jae-seon Lee, and Do-hee Kim) who developed the office worker stress management solution 'SHOUT'.

※ GIST 2nd 'Hello World Hackathon' Awards

구 분		수 상(팀)	내 용
대상	AIX School 원장상	DASH	'액티브 시니어'가 은퇴 이후 생산적인 활동에 참여할 수 있도록 기관 혹은 개인과 연결해 주는 서비스
최우수상	AIX School 부원장상	시소	장소에 따른 감정을 색으로 기록한 후 타인과 공유함으로써 일상적인 휴식 장소를 추천해주는 서비스
특별상	AWS 특별상	태커톤	스트레스를 관리해 주는 서비스로, 직장인에게는 고민 상담을 통한 해결 방안을 제시하고 기업에는 이직 원인 등 HR 분석 데이터를 제공

Soo-bi Lee (GIST School of Electrical Engineering and Computer Science), who won the grand prize, said, "I wanted to give up in the middle because it was difficult, but it was a great opportunity to challenge myself with my team members and immerse myself until the end in order to produce results that are essential for the future society."



▲ The DASH team, which won the grand prize, and GIST AIX School Vice Dean Dukjo Kong (left) are taking a commemorative photo.

Dukjo Kong, Vice Dean of GIST AIX School, served as the chairman of the judging panel, said, "I hope that this competition will serve as an opportunity to continuously think about what science and technology society needs. We hope that students will continue to grow further through challenging experiences and contributes to the local and international communities with their skills."