

## **Product Quality Engineering (PQE) Intern, Korea**

*Location: Pohang, Gyeongsangbuk-do, Korea (Republic of)*

### **Summary:**

Imagine what you could do here!

At Apple, new ideas have a way of becoming extraordinary products, services, and customer experiences very quickly. The people here at Apple don't just build products — they craft the kind of wonder that's revolutionized entire industries. It's the diversity of those people and their ideas that inspires the innovation that runs through everything we do, from amazing technology to industry-leading environmental efforts. Join Apple, and help us leave the world better than we found it!

Quality at Apple is what turns experiments into reality. We approach problems from a data standpoint, understand why we do certain things and question what we do in order to find a better way to do it. This enables us to take our product from a design concept to mass production, while continuing to maintain high customer satisfaction. In this internship, you will have the opportunity to make an impact on Apple products and be a part of the process to turn Apple's groundbreaking designs to industry-leading products.

### **Description:**

We are seeking a high energy intern who can work full-time for a minimum of 4 months, for Product Quality Engineering.

Product Quality Engineer is responsible for driving quality improvement actions for current and future Apple products.

### **Responsibilities:**

- Perform the electrical and destructive failure analysis for failure reproduction, data collection, and root cause identification
- Be involved in new micro-joining process development to enhance the future product quality and conduct DOEs to validate process capability
- Use data to develop the quality monitoring system and implement the data-driven alert system

### **Minimum Qualifications:**

- Currently pursuing a BS, MS, or PhD in Chemical, Mechanical, or Materials Science Engineering
- Experience on data analysis, visualization and reporting
- Basic understanding on surface mount assembly process
- Must be able to be based in Pohang (weekdays) for the duration of the internship

### **Preferred Qualifications:**

It's helpful if you meet one or more of the following qualifications, but it isn't a requirement

- Knowledge of quality and reliability concepts
- Understanding of DOE principles
- Experience in developing quality plans, validating test methods, and driving corrective actions/failure analysis efforts
- Experience with any of the following tools: FIB/SEM, X-ray, Probe Station, FTIR/Raman, Spectrometer, TDR
- Extraordinary interpersonal skills - verbal, written and executive presentations