

Electrical Engineer (1 Position)

Pohang University of Science and Technology (POSTECH) is seeking an Electrical Engineer to lead the advising and supporting of Small to Medium Enterprises (SMEs) under the Apple Manufacturing R&D Accelerator's program.

The candidate will be hired by POSTECH and represents POSTECH to be responsible for helping the SMEs identify which set of the Apple Manufacturing R&D Accelerator's training courses and equipment are applicable for their needs. The candidate will be working with Apple engineers in diagnosing and solving electrical problems unique to the SMEs training program. This would include collaborating with the Apple engineers to design, troubleshoot and apply new processes and training curriculum to meet the ever-changing SME landscape.

As necessary, the candidate assists the SMEs in registering for classes, lab time, or a consulting session with the Apple engineers. This person should be comfortable approaching and engaging with new SMEs on a daily basis.

Key Qualifications

- 3+ years of professional Electrical Engineering experience
- Proven expertise as an electrical engineer
- Deep knowledge of semiconductor or electronics manufacturing processes
- Leadership experience – planning, leading, organizing, monitoring teamwork to a successful and on-time project completion
- Strong public speaking ability
- Problem solving ability to resolve issues or conflicts with stakeholders and internal staff/engineers
- Hands-on experience using electric failure analysis equipment such as TDR, LIT, oscilloscope
- Understanding of electrical engineering codes and safety standards
- A degree in Electrical Engineering; MSc or PhD is a plus
- Fluency in Korean written and oral communication skills; English skill is a plus
- Program/project management experience is a plus
- Be able to work independently under high pressure and tight schedule
- Strong work ethic and high integrity

Mechanical Engineer (1 Position)

Pohang University of Science and Technology (POSTECH) is seeking a Mechanical Engineer to lead the advising and supporting of Small to Medium Enterprises (SMEs) under the Apple Manufacturing R&D Accelerator's program.

The candidate will be hired by POSTECH and represents POSTECH to be responsible for helping the SMEs identify which set of the Apple Manufacturing R&D Accelerator's training courses and equipment are applicable for their needs. The candidate will be working with Apple engineers in diagnosing and solving mechanical problems unique to the SME project or training program. He or she will provide engineering information by answering questions and requests. This would include collaborating with the Apple engineers to design and apply new system processes, equipment calibration and maintenance.

As necessary, the candidate assists the SMEs in registering for classes, lab time, or a consulting session with the Apple engineers. This person should be comfortable approaching and engaging with new SMEs on a daily basis.

Key Qualifications

- 3+ years of professional Mechanical Engineering experience
- Proven expertise as a Mechanical engineer with equipment knowledge, equipment management skills, equipment related utility knowledge and maintenance.
- Deep knowledge of Mechanical manufacturing processes
- Experienced in design/develop DOE and able to analyze DOE data to make machine optimization decisions.
- Problem-solving abilities including machine troubleshooting skills.
- In depth knowledge in quality methodology with command of tools including statistical analysis, MSA, DOE, FMEA, SPC, FA, commonality checks etc.
- Proven track of continuous improvement experience on machine or equipment.
- A degree in Mechanical Engineering; MSc or PhD is a plus
- Fluency in Korean written and oral communication skills; English skill is a plus
- Program/project management experience is a plus
- Be able to work independently under pressure and tight schedules

Machine Learning Engineer (1 Position)

Pohang University of Science and Technology (POSTECH) is seeking a Machine Learning Engineer to lead the advising and supporting of Small to Medium Enterprises (SMEs) under the Apple Manufacturing R&D Accelerator's program.

The candidate will be hired by POSTECH and represents POSTECH to be responsible for helping the SMEs identify which set of the Apple Manufacturing R&D Accelerator's training courses are applicable for their needs. The candidate will be working with Apple engineers in diagnosing and solving data science and machine learning problems unique to the SMEs training program. This would include collaborating with the Apple engineers to design and apply new system processes and training curriculum to meet the ever-changing SME landscape.

As necessary, the candidate assists the SMEs in registering for classes, lab time, or a consulting session with the Apple engineers. This person should be comfortable approaching and engaging with new SMEs on a daily basis.

Key Qualifications

- 1-3 years of professional Data Science or Machine Learning experience
- Proven expertise as a machine learning engineer
- Deep knowledge of machine learning algorithms and tools
- Leadership experience – planning, leading, organizing, monitoring teamwork to a successful and on-time project completion
- Strong public speaking ability.
- Effective communication skills for bridging technical content between external stakeholders and internal technical teams
- Hands-on experience using design and calculation software
- A degree in computer science; MSc or PhD is a plus
- Fluency in Korean written and oral communication skills; English skill is a plus
- Program/project management experience is a plus
- Be able to work independently under high pressure and tight schedule
- Strong work ethic and high integrity

Materials Science Engineer (1 Position)

Pohang University of Science and Technology (POSTECH) is seeking a Materials Science Engineer to lead the advising and supporting of Small to Medium Enterprises (SMEs) under the Apple Manufacturing R&D Accelerator's program.

The candidate will be hired by POSTECH and represents POSTECH to be responsible for helping the SMEs identify which set of the Apple Manufacturing R&D Accelerator's training courses and equipment are applicable for their needs. The candidate will be working with Apple engineers in diagnosing and characterizing materials related problems unique to the SMEs training program. This would include collaborating with engineers to design, troubleshoot and apply new system processes and training curriculum to meet the ever-changing SME landscape.

As necessary, the candidate assists the SMEs in registering for classes, lab time, or a consulting session with the Apple engineers. This person should be comfortable approaching and engaging with new SMEs on a daily basis.

Key Qualifications

- 2+ years of professional/academic Materials Science experience
- Proven expertise as a materials science engineer
- Deep knowledge of various materials properties and characterization of polymer, metal, ceramics, and semiconductors etc.
- Leadership experience – planning, leading, organizing, monitoring teamwork to a successful and on-time project completion
- Strong public speaking ability
- Problem solving ability to resolve issues or conflicts with stakeholders and internal staff/engineers
- Hands-on experience using lab equipment such as SEM, FIB, CT scan, X-ray, FTIR
- Understanding of failure analysis lab codes and safety standards
- A degree in Materials science; MSc or PhD is a plus
- Fluency in Korean written and oral communication skills; English skill is a plus
- Program/project management experience is a plus
- Be able to work independently under high pressure and tight schedule
- Strong work ethic and high integrity