Link to apply & join Intel's Talent Network (required):

http://career.intel.com/tp/rj6_9EWqe_e_K

Process/ Equipment Engineering Intern

Responsibilities:

As an intern, you will get involved in assisting some of the areas mentioned below:

- Installing, qualifying and put into operation the Assembly and Finish equipment and process.
- Implementing the process control systems and monitoring the process to detect signals and maintain it within control, so no safety or quality incident occur, and performance targets are met. Monitor equipment and process indicators to reduce process variability.
- Defining maintenance procedures, training manufacturing technicians and partnering with Manufacturing to maintain the equipment with the highest standards. Will use High Precision Maintenance methods to execute and improve preventive maintenance of the equipment. Provide basic and advanced support for troubleshooting of manufacturing equipment including corrective and preventive maintenance.
- Coordinating, implementing and developing equipment and process improvements in regard to safety, quality and efficiency. Will use lean rules, principle and methods to determine improvement opportunities and develop solutions. Will resolve process problems by applying structured problem methodologies (Model Based Problem Solving, Lean and Statistics).
- Module critical success indicators and collaborating with other engineering functions in Mfg. process and systems improvements. Owns processing or handling equipment specification.

Qualifications

- 3rd/last year student (pursuing bachelor's degree) in Electrical / Electronic / Automation / Mechanical / Mechatronics / Industrial System Engineering/ Industrial Management or related majors
- Still have at least 6 months studying until graduation
- English communication skills: Intermediate level
- Knowledge of data collection and analysis
- Knowledge on design mechanical part
- Knowledge of plasma/image processing
- Computer skills (Visual Basic, Develop Apps, etc.)
- Knowledge about LEAN or 5S is an advantage

Industrial Engineering Intern

Responsibilities:

- Capacity planning, factory strategic layout designing, process documentation, and standardization.
- Tool time process standardization.
- Time study/Metric Model validation
- Tool qualification process enhancement.

Qualifications:

- 3rd/last year students studying bachelor's degree in Electrical / Electronic / Automation / Mechanical / Mechatronic / Industrial System Engineering/ Industrial Management or related majors
- Still have at least 6 months studying until graduation
- Have Good written and spoken English
- Completion of Capacity planning, Facility and Layout planning or Time study coursework.
- Proficiency use of Microsoft Excel (Formula, pivot table, macro knowledge) is an advantage.
- Ability to read AutoCAD drawings
- Passion to learn Lean concept and knowledge of Lean tools for process documentation, standardization and improvement.
- Ability to work independently and self-motivated

Manufacturing Engineering Intern

Responsibilities:

- Drive programs/projects that will improve manufacturing floor and works to advance standards regarding safety, quality, controls, cost and labor productivity.
- Coordinate improvement through the Virtual Factory.
- Drive system matching prior to system improvements.
- Conduct situational analysis to determine vision and roadmap and execute per plan accordingly.
- Ensure manufacturing remain ISO compliant to meet safety, quality, quality objectives.
- Develop system and process to maintain and improve the factory manufacturing production management.
- Partner with Engineering System to minimize cost of effectively controlled processes.

Qualifications:

- 3rd/ last year students studying bachelor's degree in electrical / Electronic / Automation / Mechanical / Mechatronic / Industrial System Engineering/ Industrial Management or related majors
- Still have at least 6 months studying until graduation
- Good oral and writing English
- Good time management and strong teamwork.
- Strong problem-solving skills with data analysis skills and systematic thinking.
- Have knowledge or experience about factory and manufacturing.