System Square Inc.

─Message from the Company─

 You will have the opportunity to experience the development of inspection equipment using Latest Technology.

 You will take part in development work that will be used in the future at our company.

 This program is recommended for those who want to try your knowledge that you learned and want to have experience of high-level jobs.

Company Information

Industry Type: Manufacturing (Foreign object
                inspection equipment)
Access : 16 minutes by bus from
            Nagaoka Station
            (Bus stop: Fujinoki)

Program Requirements

Internship period : 10 days or more
Preferred Internship Period : October-March
Japanese Proficiency : N2 and above
Field of Study : Science (Mechanical,
                    Electrical, Electronic,
                    Information Technology)

Program

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Company overview explanation / Office tour / Inspection machine operation experience/ Development work experience in your field of interest / Reflection presentation

Mechanical Engineering … Require of modeling skill because we use Inventor and do modeling such as components for test operation or assemblies. Depending on the project, we have the case to evaluate 3D printed parts or conduct stiffness simulations.

Electrical & Electronic Engineering … You will develop measuring instruments and monitoring units using Raspberry Pi and sensors.To achieve this, you will develop hardware through circuit design and operational verification, so knowledge of circuits and experience in incorporating control systems such as microcontrollers are required.

Information Technology … You will research various generative AI technologies to create 8-bit and 16-bit images. After the research, you will generate images using selected generative AI tools.

https://www.system-square.com/