



PR/115921 | Firmware Engineer

Job Information

Recruiter

JAC Recruitment Thailand

Job ID

1513221

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Thailand

Salary

Negotiable, based on experience

Refreshed

April 1st, 2025 23:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Position Name: Firmware Engineer

JOB DESCRIPTION:

- Learn and become subject matter expert of microelectronic product portfolio.
- Establish firmware architecture requirements.
- Write detailed microelectronic control design specifications.
- Write detailed microelectronic control test specifications for contract control manufacturers.
- Validate microelectronic control functional test equipment produced by contract control manufacturers against microelectronic control test specifications.
- Maintain microelectronic product portfolio model configuration information.
- Actively engage in cross functional activities a part of product development, team meetings, project product feature definition sessions, pilot builds, pilot build test instructions, reviews of microelectronic control user manuals.
- Write engineering change notifications.
- Write detailed test lab orders for lab technician execution.
- Investigate firmware issues relating to microelectronic control operation and drive root cause analysis and resolution.
- Perform some amount of firmware development and testing on simulators and products in a lab

environment.

- Identify opportunities for quality and cost improvements.
- Provide support to production, as needed.

Qualification:

- Bachelor of Science in Computer Science, Software Engineering, or Electrical Engineering preferred.
- Over 3 years of programming experience.
- Requires extensive firmware development experience with coding in C; experience with coding in lua and UI designer applications, e.g. Storyboard, is a plus.
- Proficient technical skills required.
- Ability to communicate to internal and external groups in an efficient manner.
- Practice with test driven firmware development is a plus.
- Strong debugging skills.
- Demonstrated problem solving, critical thinking, and decision-making skills.
- Strong organizational skills.
- Self-motivated and hands on.
- Ability to work well in a team environment.
- Good command of spoken and written English.

Company Description