



## Job Description – Junior Software Engineer

### Reports To

The position of Junior Software Engineer will report to the Software Manager.

### Job Overview

The position of Junior Software Engineer will work within the Software Engineering team to produce high-quality leading-edge software used to operate the RPM tool to obtain the precision measurements required by the Semiconductor Industry.

The role will include both developing existing software for the RPM platform directly, as part of a total system and the data analysis to provide users with information derived from the acquired data

The role will develop strong Software development skills for advanced machine control and a good knowledge of data analysis. The role will develop skills in both Software and System Engineering.

### Responsibilities and Duties

- Perform the analysis and come up with System integration plans to incorporate the RPM machine into a larger scale System.
- Produce high quality software to communicate with the systems and the User Interfaces to report data back to the User.
- Develop tools and algorithms to both control and analyse the data produced by the RPM tools.
- Work effectively as part of a multidisciplinary team of engineers and scientists.
- Communicate effectively with the whole Engineering team.

### Qualifications

#### *Essential*

- Degree or above in Maths, Physics or an Engineering discipline.
- Interest in data analysis
- Interest in hands-on software engineering development.
- Excellent communicator - Fluency in written and oral technical English.
- Willingness to support other team members to meet team goals

#### *Desirable*

- Some knowledge in one or more of Labview, C/C+/C# Matlab or Python software

### Personal Attributes.

- Approach to issues in a systematic way
- Self-driven and motivated worker.