

MAIT Engineer

INTRODUCTION

Nearfield Instruments (NFI) brings together the most creative minds in science and technology to develop a revolutionary high throughput atomic force microscopy system enabling atom-scale resolution 3D metrology at industry-level throughput, based on three pillars:

- Unrivaled measurement speed;
- Parallelization capability;
- Advanced measurement modes.

At NFI, we design, develop, integrate, market and service these advanced metrology machines, which enable our customers - the world's leading chipmakers – to increase the production yields, and thus, functionality of their microchips, which in turn leads to smaller, more powerful consumer electronics.

We aim to develop leading edge metrology systems, to be installed at the customer site, within specifications, on time, with quality exceeding the customer's expectations.

WHAT WILL YOU BE DOING?

As an MAIT Engineer, you will be assembling, integrating and testing our semiconductor metrology systems, and assist in solving potential problems that occur during the integration and test phase. You will report the progress to the System Integration Project Leader.

Your activities and responsibilities will contain:

- Acceptance, cleaning and registration of delivered subsystems and parts
- Prepare facilities and system for the integration of new subsystems and parts
- Assist in the preparation of assembly, installation and test procedures
- Assembly of subsystems
- Installation and integration of subsystems
- Execute test and calibration procedures for (sub)systems
- Document progress of assembly and test plans
- Troubleshoot on (sub)system in case of problems
- Solve and/or report problems during integration and testing
- Execute and /or implement solution for problems during integration and testing

WHAT DO WE REQUIRE OF YOU?

You have a BSc or MSc in mechanical engineering, electrical engineering, applied physics, instrumentation, or equivalent. Furthermore, you need to recognize yourself in the profile as described below.

- background in integration activities and working on complex systems;
- experience with semiconductor manufacturing equipment is a pre;
- pro-active, problem-solving and hands-on attitude;
- flexible and capable of working in a high-tech environment;

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- familiar and comfortable with the uncertainty that comes with experimental and engineering challenges;
 - good communication skills;
 - good report writing skills;

HAS THIS VACANCY AROUSED YOUR INTEREST?

Then please feel free to apply on this vacancy! Nearfield Instruments offers an exciting, fast-paced working environment where you will be able to shape the system and the company. For further questions don't hesitate to contact us.

Send your application to:

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