

**Title: Production Technology Intern**

**Reports to: Production Technology General Manager**

**Location: 3601 Faraday Avenue, Davis CA 95618 (relocation assistance available)**

**Start Date: 5/29/2023 through 08/25/2023 (flexible end date based on university start date)**

**Wage/Time: $22.00 hourly – Monday through Friday – 8:00 a.m. to 5:00 p.m.**

**Apply: Email your resume to Ana Rocha at** **arocha@dmgmori-usa.com** **along with your interest in the internship program and relevant courses completed and planned.**

DMG MORI’s Production Technology Internship supports the production of world-class machine tools. The Production Technology department provides engineering support to all production activities including purchasing, logistics, fabrication, painting, machining, assembly, and quality control. You can expect working with state-of-the-art equipment and mentorship with experienced engineers.

**Essential Job Functions:**

* Generate step-by-step work instructions for machining or assembly procedures.
* Analyze production data for trends indicating potential problems and create reports.
* Develop and maintain written documentation, up to and including reports on a weekly basis.
* Hands on assistance of production staff.
* Fixture, tool or equipment design and selection.
* Frequent communication with internal technical staff.
* Other duties as assigned.

**Minimum Requirements:**

* Seeking a degree from accredited university in mechanical engineering or related field.
* Ability to reliably commute to Davis, CA facility.
* High level of attention to detail, superior critical thinking, and problem-solving skills
* Proven knowledge of Microsoft Office Suite - Excel, Outlook, PowerPoint, Word
* Ability to work well independently as well as on a team.
* Excellent oral and written communication skills.
* Proven positive performer with interpersonal and organizational skills.
* Proven experience working in a fast-paced environment.
* Strong hands-on capability and experience.
* Knowledge of PTC Creo, CNC machine tool, robotics, and motion control is a plus.

**Preferred Experience:**

* Ability to design, model and draft parts and assemblies using 3D CAD software (Pro-E/Creo).
* Able to measure precision parts to make fixture, offset, and coordinate adjustments.
* Able to create G-Code programs from blueprint with and without use of CAM Software (Esprit).
* Familiar with FANUC NC controls and Robot programing.

**Work Environment:**

Manufacturing environment (assembly, machining, and quality control facility) at DMG MORI Manufacturing. Exposure to possible hazards may include noise, electricity, chemicals, heavy equipment, and other automated and manual machinery.

**Physical Demands:**

Frequent: utilizing a computer

Periodic: standing, walking, bending, stooping, lifting, pushing, and pulling, repetitive foot, leg, hand, arm, shoulder, and torso movements, lifting or moving up to 50lbs