

CNC Programmer / Fixture Designer

General Foundry Service

General Foundry Service is a low-volume, high-precision foundry and machine shop serving industries including medical, biotech, robotics, semiconductor, defense, and communications. We specialize in complex, high-quality components and are looking to add a skilled CNC Programmer / Fixture Designer to our team.

Position Overview

This role is ideal for a hands-on CNC professional who enjoys programming, problem-solving, and fixture design in a fast-paced, high-mix environment. You will play a key role in developing efficient machining processes from concept through production.

Key Responsibilities

- Create and edit CNC programs for vertical and/or horizontal machining centers
- Design and develop fixtures, tooling and inspection points to support production
- Set up and operate CNC machines as needed
- Collaborate with engineering and shop personnel on new parts and revisions
- Troubleshoot machining and process issues to improve efficiency and quality
- Maintain organized documentation of programs, setups, and processes
- Ensure adherence to safety, quality, and housekeeping standards
- Report equipment issues or deficiencies to management

Required Skills & Qualifications

- Experience with CNC programming & modeling software (SurfCAM preferred; Mastercam and/or SolidWorks acceptable)
- Strong understanding of reading prints & GD&T (standard and metric systems)

- Hands-on machining experience, including setup and fixturing
- Familiarity with a variety of CNC controllers
- Knowledge of cutting tools, materials, and machining processes
- Ability to design tooling and fixturing solutions
- Experience machining various metals
- 1-2+ years of CNC programming experience (or equivalent experience with strong aptitude to learn and grow)

Compensation & Benefits

- Competitive hourly pay based on experience and skill level
- 100% employer-paid Medical, Dental, and Vision coverage (including dependents)
- Pension plan
- Paid vacation, holidays, and sick leave
- Flexible scheduling (full-time or part-time options available based on experience and fit)

Why Join Us?

- Work on diverse, challenging, and high-mix precision parts in a job shop environment
- Be part of a small, skilled, and collaborative team
- Opportunity to grow your skills in programming, fixturing and process development
- Flexible work environment with strong benefits

John Ritelli

General Foundry Service

510-297-5040

johnr@genfoundry.com