

**Project Engineer/CNC Programmer:**

1. **Company description:** WaterCut Services is a small job shop that produces custom parts using waterjet, laser, plasma and flame cutting technologies. Our customers desire quality parts in a timely manner, often the same day or next, making the environment at WaterCut fast paced and dynamic.
2. **Job description:** The programmer processes a stream of information from inside and outside the company to make technical decisions for the shop, including the design of each part to meet customer needs in terms of shape, material, cutting process, tolerance and finish. The programmer also manages machine operation and maintenance, from operator training to hands-on repairs to troubleshooting complicated problems. Essentially, the programmer acts as Project Engineer for the shop, juggling many different technical responsibilities in real time to take care of the needs of the customer.
3. **Description of the ideal applicant:**
  - a. Enjoys rising to a challenge
  - b. Energetic about accomplishing tasks
  - c. Reliable work ethic, shows up to work on time every day
  - d. Strong mechanical aptitude
  - e. 2D AutoCAD experience
  - f. Willingness to learn and be stretched
  - g. Ability to assess and prioritize tasks quickly in a dynamic environment
  - h. Strong personal organization
4. **Responsibilities:**
  - a. Interpret customers' need from technical drawings, verbal descriptions, sample parts, etc
  - b. Answer customers' technical questions
  - c. Create AutoCAD drawings for each component to be cut
  - d. Create CNC machine code for various machines in the shop from AutoCAD drawings
  - e. Monitor effect of programming at the machine and in the parts produced, constantly seeking to improve for the benefit of the shop and the customer
  - f. Nest parts for optimal material yield
  - g. Maintain spare parts for shop equipment
  - h. Oversee machine maintenance, troubleshooting

Contact Michael Hildebrant with any questions:

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