



Location: Raleigh, NC

Voxel seeks talented engineers to grow and shape the future of our start-up business. Voxel is quickly emerging as a thought leader in Pulsed Electrochemical Machining (PECM), an advanced manufacturing process unrivaled in its ability to quickly and accurately machine specialty metal alloys. Our mission is to use PECM and related manufacturing technologies to supply critical, high-value parts to aerospace, energy, and medical customers.

As a company, Voxel is inspired by three core concepts. First, Voxel is focused on creating manufacturing solutions to important world problems including clean transportation, energy production, and healthcare. It is important that Voxel employees feel proud of their accomplishments and world impact. Second, Voxel is devoted to producing tangible real-world products. Voxel employees will be able to feel the sense of satisfaction that comes from offering meaningful products and services. Third, Voxel maintains a culture of innovation found at the intersection of different disciplines. Successful implementation of PECM requires knowledge of material science, electrochemistry, electrical engineering, chemical engineering, and mechanical engineering. Voxel is seeking employees with technical expertise in these disciplines who are also willing to work in a team environment to develop innovative manufacturing solutions.

Voxel was incorporated in late 2015 after three years of business plan development, customer networking, discussions with suppliers and domain experts, and in-depth process research. Voxel has designed, built, and is operating its own proprietary PECM machine for development projects, prototypes, and volume production.

Job Description

According to his/her mix of skills/experience, job responsibilities may include the following:

- Develop complex CAD models for fixtures and tooling
- Hands-on manufacturing of tooling in-house (CNC + manual machining)
- Run PECM machine, 3D measuring machine
- Other activities as needed in a dynamic fast-paced start-up environment

Requirements

- US Citizenship or Green Card
- Experience using manufacturing equipment (mill, lathe, etc.)
- CAD / Parametric modeling experience
- Engineering or Science degree (BS, MS) in relevant field as indicated above
- Curiosity, grit, determination, optimism
- Ability to learn new skills quickly and high initiative
- 0-3 years relevant work experience

As an early employee you will have the opportunity to help shape the future of Voxel and your role therein. If you are excited about our mission and meet our requirements, we want to hear from you!

Submit your resume and a cover letter by email to:

Daniel Herrington

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+1-336-414-7825

Voxel Innovations Inc. is an equal opportunity employer. The above job description does not constitute a promise or guarantee of employment.