

Computer/Electronic/Software ENGINEER

(Pretoria)

Aditiv Solutions is looking for a bright and energetic computer-, electronic- or software engineer to form part of a team that develops machine control systems for a South African developed metal 3D printer.

We're a Pretoria-based tech startup with a team of dedicated engineers that are designing and manufacturing metal 3D printers for the international market. Our machines make use of high-power lasers and advanced optical systems to "print" metal parts directly from CAD models.

www.aditiv.co.za

<https://www.linkedin.com/company/aditiv-solutions>

Our machines are completely developed in-house and you will work directly on the software underpinning our technology. Our machine control system is C++ based and our "Human Machine Interface" runs on Angular . We also use PostgreSQL and QT extensively. You will be leading a small and dedicated team to support and develop new features and software applications for our machines.

In this role, you will be gaining experience in the control philosophy and operation of our additive manufacturing machines. You will work directly with our software- and graphical design team to create aesthetic and functional software solutions. You will develop solutions through the entire life-cycle, from design, implementation, testing, deployment and into production. Tech stack includes C++, Angular, Express, PostgreSQL, QT & Node.

If you are interested in high-end 3D printing technology, excited about creating new software solutions, have solid experience in C++ and would like to work in a small and dynamic team, we'd love to chat to you.

To apply, click here:

<https://forms.gle/ueeP7ov5pescgLUt7>

Required Qualifications

- 3+ years of industry experience in a software development environment
- Degree in Computer-, Electronic-, or Software Engineering
- Proficient in C++
- Understanding of Computer Science fundamentals, including data structures, object-oriented design, algorithm design, problem solving, and complexity analysis

Preferred experience

- Experience in leading a small software team
- Experience in Angular, Javascript, Typescript, SQL
- Experience in development of machine control systems
- Experience with UI test automation frameworks
- Full-stack development experience
- User interface design experience
- Experience in 3D printing (or additive manufacturing)
- Experience with hardware integration
- Experience with Postgres
- Experience in architecture design
- Experience in developing mobile applications

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Contact:

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