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## ETC Solar B.V. - Software Engineer

*We are looking for a Junior Software Engineer with a background in Automation*

**Full Time - Rotterdam (NL)**

Start date between July 1<sup>st</sup>, 2020 - September 1<sup>st</sup>, 2020

### Company Overview

ETC Solar is revolutionizing semiconductor metal printing. We are commercializing and developing a new printing technology for micro-scale metal contacts. After years of technology development, ETC Solar is developing this technology for a pilot and market entry at the end of 2020.

ETC Solar was formed in 2018 as a technology spin-out from California Institute of Technology (Caltech). Development has been financed by governmental grants (NSF, DOE and Horizon 2020) and private capital. As a team of around 10, we are operating out of the Rotterdam Science Tower (Rotterdam, The Netherlands) and Pasadena, California (sales office).

ETC Solar is a fast-paced, agile environment. We are growing and plan to add four (4) new team members by January 2021. Team members wear many hats and we expect them to take initiative and ownership from day one. Strong communication and disciplined organizational skills are critical in this collaborative environment, as well as passion for commercializing next-gen, high impact technologies.

We are looking to expand our research and development team and hire a Junior Software engineer to lead the development of our printhead system and assist with process optimization. The company language is English. Our industry is manufacturing systems and equipment.

### What we need:

ETC Solar is seeking a **Software Engineer** who will be tasked with the development of the control software, HMI and software architecture for future tool series.

The ideal candidate is a versatile self-starter comfortable taking on tough technical challenges. In our dynamic environment, a keen focus and strong work ethic are needed to see projects to timely completion. If you're passionate about solving problems, building something from the ground up, we'd like to hear from you.

The Software Engineer will work with both our design and R&D teams. First year project include:

- Setup of software architecture for future tool series
- Take responsibility for the software design from the specification phase until the delivery of the final machine to the customer
- Translating system specifications to software specifications and translating these to a software design
- Maintain a user-friendly HMI
- Develop computer vision-based alignment routines

### Required Skills & Qualifications

- **Have excellent knowledge of C++**
- Familiarity with Python
- Proven self-starter: ability to take initiative as well as working in a team,

- Required relevant working experience: >2 years,
- Experience with automation and motion control

**We offer**

Highly competitive salary depending on experience/skills applicant, and unparalleled growth and development opportunities - all to create a compelling and rewarding work environment. This is a R&D position in a young, fast-growing company with world-class engineers working on a sustainable product.

**Agency**

ETC Solar does not accept unsolicited agency resumes and will not pay fees to any third-party agency or firm that does not have a signed agreement with ETC Solar.

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