



Be the Spark of Change

Be Part of Something Special



POSITION CODE SE2024: SOFTWARE ENGINEER

The ei3 Data Science Division, located in Zurich, Switzerland, develops data science, machine learning and AI solutions to improve efficiency and reliability of industrial processes and machines. Our solutions are in broad use with clients in more than 100 countries, covering manufacturing processes and lines in the plastics, electronics, and converting industry. From our office near Stauffacher square in Zurich, the ei3 data science team works closely with clients all around the world and our corporate ei3 colleagues in New York and Montreal.

As a member of our software engineering team, you will work closely with our Data Science team based in Zurich to integrate data science algorithms into production systems. Your key responsibilities will include:

- Supporting the development of computationally efficient data science algorithms.
- Designing and implementing system architectures for stand-alone web-based data analytics systems, APIs, and integration with back-end systems following industry standards, such as OPC/UA.
- Taking a hands-on approach to bring solutions to product readiness by collaborating with external vendors, suppliers, customers, and colleagues across the ei3 corporation.

We welcome applications from both junior and experienced candidates who are enthusiastic about learning industrial machine engineering, possess strong communication skills, and are keen to develop products from start to finish—encompassing algorithm and architecture design through to implementation and product launch.

Successful candidates should have current skills in data science and be capable of writing high-quality code in C, Java, and Python. Familiarity with web hosting infrastructure and cloud platforms such as AWS and Azure is required.

Our Zurich office fosters a highly collaborative environment, making effective teamwork and communication skills crucial. A Bachelor's degree in Computer Science or a related field from an accredited institution, or equivalent professional experience, is required.

To apply for this position, please email your resume and cover letter to ConnectedAI@ei3.com