

Internship Offer

Internship in flow/process optimization - Beginning February 2022

Based in the EPFL Innovation Park, ProcSim (www.procsim.ch) is a company specialized in flow management and optimization of flows and processes in 3 sectors: healthcare, industry and transport.

This internship in the field of optimization consists in programming custom algorithms to optimize a real or future system (hospital, factory, production facility, logistics warehouse, etc.) in order to increase its efficiency.

We are looking for a part-time or full-time intern for 3 to 6 months. The internship is paid and the beginning of the internship is in February 2022.

Tasks:

- Data understanding, processing, and analyzing
- Literature review
- Custom algorithm implementation (C++ or python)
- System implementation (modeling and simulation)
- Analysis and interpretation of results
- Team work sharing

Required Skills:

- Good programming skills (preferably C++)
- Good knowledge in data processing, data analysis and statistics
- Knowledge in algorithms (AI, metaheuristics, operational research)
- Knowledge in production/logistics and/or Machine Learning is a plus
- Team spirit, rigorous, proactive, autonomous and with a sense of responsibility
- Fluency in French and English is required. Fluency in German or Swiss German is a real plus.

At ProcSim we believe that equality, diversity and inclusiveness are central to our mission of building a sustainable future. ProcSim is an equal opportunity employer that embraces people from diverse backgrounds including race, color, nationality, gender, gender expression, sexual orientation, age, marital or parental status, disability, religion, creed, politics, or any other non-merit factor. Looking for young talent, we offer a stimulating work environment in which you can grow with a dynamic team. In our flexible structure your creativity and innovative ideas have a direct impact on the company.

Contact: roxanne.tison@procsim.ch