Internship Mechanical Engineer (80%)
MESH AG, c/o ETH Zurich, Stefano-Franscini-Platz 1, 8093 Zürich

Company description
MESH is a spin-off company of ETH Zurich founded in 2022 with the mission to disrupt the construction industry. We develop robotic solutions to increase design freedom, sustainability, and efficiency in building construction. Our technology makes it possible to produce material-efficient, load-bearing 3D concrete structures without the need for formwork and without creating construction waste. Join us in our effort to democratize freeform construction, making it accessible to all.

Job description
We are looking for an addition to our team to support us in developing and implementing our robotic fabrication process to produce 3D steel mesh structures. You will cooperate on hardware improvements for industrial/robotic processes and product development. This will involve mechanical design, working on tooling and fixtures, and industrial automation. Additionally, you will work on the robotic fabrication process (Python/C++/ROS) using industrial robots and support operations and production.
Your profile

- Bachelor's or Master's degree in mechanical engineering, industrial engineering, aerospace engineering, or similar.
- Experience and understanding of mechanical design and manufacturing processes (CAD, engineering materials, technical drawings, sourcing of components, etc.)
- Hands-on mentality and experience in prototyping, workshop, and machine shop use.
- Worked with digital fabrication processes (e.g. industrial robots, 3D printing, etc.)

We offer

- A dynamic startup environment based in Zürich, and a diverse, multidisciplinary team.
- An opportunity to implement technology on an industrial scale and to contribute to the future of the construction industry.
- A work environment within a state-of-the-art robotic facility with the possibility of directly applying your ideas and experiences.

Additional information

We look forward to receiving your application including a cover letter, CV, and statement of experience. For further information about MESH please visit our website www.mesh.ch. Applications and questions regarding the position should be directed by email to jobs@mesh.ch.