

# Internship: Software Engineering

Early Adopters and Innovators, listen up! Do you want to work for a better world and cleaner oceans? Do you also think we need a better way to produce food for future generation? Work on something that has a huge impact (and is awesome) with REVO FOODS!

We at Revo Foods believe in a world where we can produce fish and meat without polluting the environment or exploiting animals. How we do it? By using 3D Food Printing of plant-based meats. With this technology, we produce the "fish of tomorrow", without overfishing or bycatch of whales and dolphins. Sounds like the future? Yes, and we are making this future possible with your help!

## What we are looking for

We are searching for a Software Engineering Intern for a duration of 5-6 months. As an intern in Software Engineering, you will be proactively using your knowledge and expertise in developing in-house constructed hardware for our production facility of 3D printers. At the same time, you will have a chance to grow with an international team of highly motivated engineers. Your tasks will include:

- Collaborating with our experienced team of engineers and food scientists to design and develop a state-of-the-art slicer software
- Conducting research and experimentation to understand the challenges and opportunities of non-planar 3D food printing
- Implementation of algorithms and methodologies to enable precise control and synchronization of the printing process
- Optimizing the slicer for performance, speed, and reliability
- Conducting rigorous testing and validation to ensure the slicer meets the highest quality standards
- Documentation of the development process and prepare reports on findings
- Sensor integration: Understanding of sensor technologies and experience in integrating sensors for real-time data acquisition
- Algorithm Development: Knowledge of control algorithms, such as PID controllers, and the ability to implement them for closed-loop systems
- Machine Learning: Basic understanding of machine learning concepts and the ability to implement and train simple models
- Real-time Systems: Experience in developing software for real-time systems to ensure timely monitoring and adjustments
- User Interface Development: Skills in UI development to create a user-friendly interface for monitoring and controlling the 3D printer

## Who you are

- Currently pursuing or recently completed a degree in Computer Science, Mechanical Engineering, Food Science, or related fields
- Strong programming skills in languages such as Python, C++, or Java.
- Familiarity with 3D printing concepts and technologies
- Knowledge of computational geometry, data structures, and algorithms
- Enthusiasm for the culinary arts and an eagerness to explore new possibilities in the field
- Excellent problem-solving abilities and a proactive mindset
- Ability to work independently and as part of a team, with excellent communication skills
- Perfect English knowledge (German knowledge is beneficial)
- Living in Vienna or ready to move here (voted most livable city in the world for 10 consecutive years)

## What we offer

- Great team full of engaged people and a centrally located office
- Chance to shape a better and more sustainable future
- Flexible working hours
- Fun afterwork team events
- Benefits such as public transport ticket, fruit basket, and free coffee and tea

For the internship we offer you € 500,- gross per month.

Please send your CV to [people@revo-foods.com](mailto:people@revo-foods.com).

*We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, ethnicity, disability, religion, national origin, gender, gender identity, gender expression, marital status, sexual orientation, age or any other characteristic protected by law.*