Internship in Aquaculture
Blue Planet Ecosystems
Vienna, Austria

Blue Planet Ecosystems (BPE for short) is a venture-backed company based in Vienna, Austria developing automated and self-sustaining aquaculture systems (for more details: www.blueplanetecosystems.com). Our goal is to produce a system called LARA (Land-based Automated Recirculating Aquaculture) in which a natural ecosystem consisting of phytoplankton and zooplankton is used to feed fish and mitigate water quality. The phytoplankton grows using the sun and the recirculated nutrient-rich wastewater coming from the fish. After reaching the carrying capacity a portion of the algae is transported to the zooplankton for feed. The process then repeats for the zooplankton which is transferred to the fish to eat. The waste from the fish is then pumped back to the algae thus creating a closed loop ecosystem.

Job description

As intern, you will be part of the Biology division and assist the work of our Head of Aquaculture in their research and development activities. Your main tasks will be:

- Assist the maintenance and management of our Zebrafish mini-facility and RAS system (Water quality monitoring, tank cleaning, water changes, fish feeding)
- Participate and assist R&D projects in collaboration with the Biology and/or Data Science and/or Engineering divisions (from experimental design to system engineering).
- Assist in drafting of SOPs and protocols

Your profile

- Autonomous, rigorous, dynamic, flexible and goal oriented.
- You have a biology background or are preparing an Aquaculture degree.
- Some lab experiences.
- Knowledge of MS Office and Google Suite
- Ability to communicate in English.
- Weekend work might be required from time to time.

Apply if you have a strong interest in food security and want to help the development of high-tech, modular and sustainable aquaculture systems. Our company is located in the south of Vienna and is easily accessible with the metro line U6 (Perfektastrasse).

If you are interested send your CV at the following address: thomas@blue-planet-ecosystems.com