

Internship Positions Available for up to 5 UH Manoa Engineering Students:

Makai is seeking talented undergraduate or graduate electrical, mechanical, or ocean engineering students at UH Manoa to fill up to 5 internship positions.

These are **part-time paid internships**, working 20 hrs per week during the **academic semesters**, continuing into **full-time paid internships**, working 40 hours per week during the **summer** periods at Makai's office in Waimanalo, Hawaii.

These positions are in Makai's Subsea Technology group which works on the research, development, design, and testing of autonomous underwater vehicles and other hardware systems, and numerical modeling. Within the group, responsibilities will be varied and the interns may have responsibilities on multiple projects simultaneously. This position is a great opportunity for students interested in gaining hands-on industry experience working for a high-tech engineering firm.

The ideal candidates will be a trained **electrical, mechanical, or ocean engineer** with strong analytical skills. Qualifications we value in candidate engineering interns include:

- Hands-on skills and knowledge of construction/machine shop practices is a plus.
- Competence with SolidWorks & Matlab or similar design/analysis software is a plus.
- Experience programming in Python – particularly if in the context of robotics or the ROS framework.
- Experience with low power electronics and sensor systems – preferably hands on experience rather than circuit theory courses.
- Experience with microcontrollers and/or Arduino is a plus.
- Most importantly a self-starter – comfortable diving into and solve challenging problems with limited support, but also able to determine when to ask questions.
- Use of Finite Element Analysis (FEA) software such as ANSYS is a plus.
- **Ability to think logically and express oneself in verbal and written communication.**
- Solid academic background with a high grade point average.
- High level of technical curiosity & ability to learn, and apply, new technologies.
- Experience with engineering design and project management is a plus.
- Makai's work is ocean-related, so ocean experience is always a plus.
- U.S. citizenship is required.

Makai provides interesting projects, an innovative culture, and a beautiful, unique environment. See an aerial video of our oceanfront offices: <http://www.makai.com/about/employment/>. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

To apply for the Engineering Internship position at Makai, submit the following via email to Hermann.Kugeler@makai.com: resume (including GPA), and cover letter highlighting how your education and experience meet our needs and why you want to work at Makai.



This is an intern position at Makai's headquarters on the Makai Research Pier in Waimanalo, Hawaii, USA. See an aerial video of our location [here](#).