Software Engineering Intern

Technician and Customer Apps · Summer 2027 Internship · AUX-INT-SD-05

Reference	AUX-INT-SD-05	**Program**	Paid summer internship for university students in the UAE: 16 weeks from early May 2027
Mentor	Platform Software Engineer (AUX-ENG-SD-05); oversight by Dr. Mamdouh Yanni	**Location**	Hybrid, Dubai: weekly in-person mentor sessions; other work remote
Schedule	Full time, up to 40 hours a week, set to meet your university's credit requirements	**Stipend**	Paid monthly; amount set in the training agreement
Who can apply	Computer Science or Computer Engineering. Students eligible for their university's credit-bearing internship (senior standing, as the university defines it).		

About Auxionetics

Auxionetics Artificial Intelligence L.L.C S.O.C is an IP-led robotics company in Dubai. Our patent-pending technology aims to let people and robots work safely side by side, and its first use will be the Smart Robot Mechanic: a car-service bay in which two collaborative arms will take on the repetitive, physically demanding work while a skilled technician stays in charge of every job. Six US patent applications and an international (PCT) application have been filed. We will run our own workshops in Dubai and license our Human-Robot Collaboration platform once it runs reliably in daily operation.

Why this internship matters

The technician stays in charge of every job, and the customer approves every extra. Both depend on software that is simple, fast and trustworthy. You will build early working versions of the technician console and the customer check-in and approval flow.

Your project

- **Technician console.** Prototype the technician console as a web application, from screen designs to working pages.
- **Customer flow.** Prototype the customer check-in and approval flow, including notifications.
- **Back end.** Build the small services, APIs and database tables behind the prototypes.
- **Quality.** Write automated tests and clear documentation, and take part in code review.
- **Demonstration.** Present a working end-to-end demonstration to the team at the end of the internship.

Minimum qualifications

- Studying for a bachelor's degree in Computer Science or Computer Engineering.
- JavaScript or TypeScript, and a back-end language such as Python or Go.
- SQL databases, REST APIs and Git.
- Clear written English, and the discipline to deliver independently between sessions.

Preferred qualifications

- React, Vue or a similar front-end framework.
- Cloud services and containers.
- A sense for clean, simple user interfaces.

Your 16 weeks

Weeks	What success looks like
1–2	Environment set up; user stories and targets agreed with your mentor and product lead.
3–8	Technician console prototype working against a test back end.
9–14	Customer check-in and approval flow working end to end, with tests.
15–16	Final report, documented code and a live demonstration delivered.

How we work

- **Safety first.** No intern operates robotic equipment without supervision and a documented safety induction; all work near the cell follows its risk assessment.
- **Measured, not claimed.** Set targets with your mentor, measure them, and report what you find, including what did not work.
- **Written and reviewed.** Weekly one-to-one reviews, short written notes, and every deliverable reviewed before use.

What you will gain

- **Real ownership.** A defined project whose results will feed directly into the first robotic service bay.
- **Mentoring.** Weekly one-to-one time with a founding-team member, and oversight from a founder with almost 30 years in engineering, including 12 in Silicon Valley.
- **Academic credit.** A final report and presentation prepared to support your university's assessment, and a reference letter on successful completion.
- **A route in.** Strong interns will be considered first for graduate roles as our team grows.

Conditions. A written training agreement (training areas, duration, hours and stipend); a student training permit from the Ministry of Human Resources and Emiratisation (MoHRE) and a no-objection letter from your university; the candidate and intern confidentiality agreement, and an assignment of intellectual property created during the internship. Interns never pay any fee. Each internship opens only if our Seed round has closed and its mentor has been in post for two months by May 2027; we will confirm by 31 January 2027.

> **How to apply.** Email your CV, transcript and a link to your GitHub or project work to careers@auxionetics.com, quoting AUX-INT-SD-05 in the subject line. We can also work through your university's placement process. Shortlisted candidates will meet Dr. Mamdouh Yanni, with the mentor where in post, for a 45-minute interview in February or March 2027. CVs are used only for recruitment and deleted within 12 months unless the candidate joins us. **Auxionetics is an equal-opportunity employer** and selects on merit alone.