Jacob Barriga-Luis

jacobbarriga12@gmail.com • (650) 630-6597 • www.linkedin.com/in/jacob-barriga-luis • github.com/jaabarri

EDUCATION

University of California, Santa Cruz| **Santa Cruz, CA**

Bachelor of Art, Art & Des: Games & Playable Media **June 2024**

TECHNICAL SKILLS

Programming Languages: HTML, CSS, Javascript, Python, React

PROFESSIONAL EXPERIENCE

Netdara | Sacramento/Remote, CA **January 2024 - Present**

Front End Developer

- Developed Netdara company website in HTML, Javascript, and CSS

Apple | East Palo Alto, CA **Summer 2022**

Applied Research Team Extern

- Developed a scanner module using Golang, a key tool in detecting FTP server login vulnerabilities.
- Utilized Docker to build a container for local testing, ensuring everything was up to par before deployment on Apple's network.
- Engaged in thorough research on Golang and Docker, tracking down potential programming solutions to optimize our work.
- Worked closely with supervisors and Ibuddy, tackling and resolving ongoing issues in our program and containers.
- Delivered presentations to a group of around 18 interns and AIS team members, sharing the progress and results of our scanner module.

Eikon Therapeutics |HAYWARD, CA **Summer 2021**

Machine Shop/Mechanical Engineer Assistant

- Took the lead in modeling robot parts and objects using SolidWorks and Fusion360, contributing significantly to the virtual layout of the robotics lab and automation robot.
- Brought designs to life by 3D printing prototypes of testing cases, ensuring perfect fitment before they were sketched and machined.
- Set up, organized, and utilized tools for our newly installed machine shop, optimizing workflow and efficiency.

OSIsoft | SAN LEANDRO, CA **Summer 2019**

Engineering Academic Intern

- Worked closely with a dynamic team of 8 on a programming project, interpreting Osisoft's Message Format (OMF) to analyze and receive data.
- Utilized Python to develop a real-time weight system, enabling users to track inventory of supplies efficiently.
- Designed a user-friendly PI Vision UI, providing users with a visual representation of the data received from the weights.
- Presented the project to an audience of approximately 40 employees and supervisors, demonstrating effective communication and presentation skills.

OTHER SKILLS

Languages: Spanish