Laurie Liu

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EXPERIENCE

Americorps GO Foundation   **Jul 2024 – present**
MATCH High School Math Tutor Fellow   Boston, MA

-Served as a full-time tutor and mentor offering daily small-group instruction to students in mathematics at MATCH High School

-Supported students as a teaching assistant for AP Computer Science A and as well as sponsoring the Girls Who Code club

- Helped students set individualized and student-driven academic goals and foster student social-emotional growth

-Built community relationships through weekly parent communication, assisting with annual school-wide events, and hallway supervision

Spacelab   **Jun 2023 – Sep 2023**
Frontend Developer   Santa Cruz, CA

- Worked on the 3D Exoplanetarium project, which aims to find objects of interest for astronomers to explore.

- Solely implemented the database onto the project based on the provided Figma design using Javascript/CSS and the React libraries, which displays NASA and CalTech data about the selected exoplanet

- Attended weekly scrum meetings and participated in agile project management techniques

Lawrence Livermore National Laboratory   **Jun 2022 – Sep 2022**
UX / UI Computing Intern   Livermore, CA

- Worked on the CasCon+ project, which was a simulation to model water and how it runs among various systems and tests for errors in how it could fail

- Designed documents that could be easily read by decision-makers that compiled all the CasCon+ information into easy-to-read papers that contained all the information about the project and various inputs and outputs from simulation runs

- Wrote a Javascript script that could take the information inputted into a PDF document (designed by me) into a spreadsheet that displays all the crucial information from the document and the simulation results

College Nine, University of California, Santa Cruz   **Jan 2022 – Jun 2024**
International Living Center Intern   Santa Cruz, CA

- Coordinated events and improves the quality of life for the residents of the International Living Center (ILC) at UC Santa Cruz

- Organized, hosted, and planned events every other week that hosted residents of the ILC usually averaging around 60-70 people

- Handled budgeting year-round for programming for the ILC

- Communicated between residents and ResLife about improvements around the ILC to ensure a fun and positive living experience for both domestic and international residents

- Assisted other staff members and RAs for their own events, ranging from 20 to 300 guests

Lawrence Livermore National Laboratory   **Jun 2019 – Aug 2019**
Cyber Security Intern   Livermore, CA

- Created a script in Python that deleted unnecessary alerts for the Thinkst Canary API

- Gained experience using Splunk Fundamentals and gained Splunk Fundamentals I certification

Skills

Python · C/C# · JavaScript · React · MatLab · HTML/CSS · UX/UI · LaTeX · Java · Adobe Creative Cloud · Google Suite

EDUCATION

University of California, Santa Cruz   **June 2024**

Bachelor's in Computer Science   Santa Cruz, CA

MISCELLANEOUS

Awards / Fellowships:
- Jay Johnson Emerging Leader (Only 2 student leaders selected of all underclassmen leaders)
- Kim Cupps Memorial STEM Fellowship (One female senior student selected out of entire city)

Leadership:
- Student Instructor for Global Action (CLNI-85)
    - Taught and graded for a 22 student class about global issues in today's society
    - Created weekly lesson plans and presentations
- Peer Navigator for Crown College
    - Provided support as a mentor for three core classes each consisting of approx. 20 students