

HAWI ABRAHAM

PRODUCT MANAGER AND SOFTWARE ENGINEER

CONTACT

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hawiabraham.com

SKILLS

PROGRAMMING

Python

C++

C

LIBRARIES

Vue

Hugo

TOOLS

Git

Netlify

EDUCATION

Stanford University, 2020 - 2024

Bachelors in Science, Symbolic Systems

Concentration in Human Computer Interaction

EXPERIENCE

Product Manager Intern, User Experience

Hinge Health, June 2022 - Present

Software Engineer Intern, Backend

Jack Trip Labs, June 2022 - Present

Contributed to an open-source platform enabling musicians to collaborate virtually.

Financial Officer

Stanford Black in Computer Science, May 2021 - Present

Directed the organization's budget by acquiring several grants and managing over \$10,000 in funds. Advised others in using funds to support community members in computer science by hosting 1-1 sessions.

Computer Science Tutor

Stanford Black in Computer Science, August 2020 - Present

Facilitated tutoring sessions for ~15 students a week in debugging class projects. Coached students through troubleshooting their programs in Python and C++.

PROJECTS

Scheduler

Created a mobile calendar that stores and modifies events to evaluate students' skills; the assignment tested mastery of classes, Big O analysis, and nested data structures. Developed several test cases to ensure the program solution was functional.

Marine Biology Sound Pack

Collaborated on a marine biology underwater recording project creating a music sample pack with over 300 marine life sounds. Spearheaded an archive of the project by building a website using HTML and CSS. Created a project roadmap for the research project, delegate tasks, and assess capacity.

West Contra Costa Unified School District Student Survey

Organized and administered a district-wide student survey on school climate and culture. Analyzed and presented data to school officials and worked to find creative solutions to common student concerns. Presented before the school board and got the survey approved as the new mode of student assessment.