

Gabriel Aizenman

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EDUCATION

University of California, Santa Cruz

September 2018 - June 2022

- *B.S. Computer Science*
- *Honors: Dean's Honors for 5 quarters*
- *Notable Courses: Computational Models | Machine Learning | Software Design | Computer Graphics*

GPA: 3.6

EXPERIENCE

SproutLabs

Santa Cruz, CA

Back End and Hardware Developer Internship

January 2022 - June 2022

- Developed CRUD microservices for 4 data types using Golang
- Created end-to-end tests using Node.js and unit tests using Golang for each of the 4 microservices
- Assisted in executing a migration of existing backend to a GCP serverless architecture
- Implemented a sleep algorithm in C++ to improve device energy efficiency by 20% and discovered intervals for the node to record and send data through the Particle API

GetVirtual

Santa Cruz, CA

Website Developer/Project Manager Internship

June 2020 - February 2021

- Developed websites, blogs, and e-commerce to assist 6 local businesses in Santa Cruz during the pandemic
- Led teams of up to 5 members developing websites while generating tutorial videos for both clients and peers
- Enhanced SEO through reduced page load times of up to 25%, acquired backlinks, and added relevant keywords by utilizing the Google Search Console

Grand Amazon Lodge and Tours

San Diego, CA

Co-founder

December 2018 - Present

- Design and maintain the Grand Amazon website; accelerated page load times by reducing image and video sizes by 50%
- Facilitate outreach programs to help nearby communities in Peru, such as the development of rain catchers for clean drinking water or building a safe dock for boats

PROJECTS

EZ-3D Project

Santa Cruz, CA

Capstone Project

September 2021 - December 2021

- Built a CAD web app with a team of 5 by utilizing Javascript and React Three Fiber to create and transform objects
- Remodeled the UI using Javascript and React while also implementing 3 shading options, object naming, and individual object selections
- Incorporated SCRUM techniques and proper documentation skills throughout software development

SKILLS

Languages and Frameworks: Python, C++, Java, C, JavaScript, Golang, HTML, React.js, Node.js

Skills: Unix, Algorithms, Software Development, Git, Project Management, Agile SCRUM Management, Microservices, GCP, AWS