

Brandon Grimaldo

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EDUCATION

California State University, Monterey Bay

Bachelor of Computer Science

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms

Seaside, CA

May. 2025

EXPERIENCE

DKomplex

Full Stack Intern

Seaside, CA

Aug. 2024 – Nov. 2024

- Built and maintained a **MERN stack** web app to manage organizational roles and performance data.
- Developed a dynamic **Role Specification Form** in React with tabs and real-time input handling.
- Implemented secure **JWT authentication** and protected routes for user access control.
- Created frontend components like a **Sidebar**, **Search Bar**, and **Organizational Unit Viewer** using React and Tailwind CSS.
- Integrated with a **Node.js/Express backend**, managing API endpoints and environment-based configuration.
- Collaborated using **Figma** to design and iterate on UI/UX for major features.

SETI Institute

Data Analyst Intern

Mountain View, CA

Jun. 2023 – Sep. 2023

- Wrote Python scripts using **NumPy**, **Pandas**, and **Matplotlib** to clean, process, and visualize pulsar radio wave data.
- Automated extraction and transformation of raw **.fits** telescope data into structured formats for analysis.
- Used **Jupyter Notebooks** for reproducible research and collaboration with astrophysicists and data scientists.

PROJECTS

Origami Web Design - Freelance Web Developer

- Created **responsive client websites for small businesses**, including branded landing pages, service pages, product/menu sections, contact forms, and portfolio-style layouts using **React**, **Next.js**, **Tailwind CSS**, and **Vercel**.
- **Worked directly with clients** to turn rough ideas, references, and business needs into polished web designs, improving layout structure, mobile responsiveness, visual consistency, and overall user experience. **modern CSS** for consistent visual design and accessibility.

Minecraft Hosting Website - Full Stack Web Project

- **Designed and developed** a **Minecraft hosting platform website** with a modern landing page, pricing/service sections, hosting-focused UI components, and clear conversion paths for potential customers.
- Built the frontend with **Next.js** and **Tailwind CSS**, deployed through **Vercel**, and explored backend infrastructure concepts such as **server management**, **SSH/API workflows**, and **automated hosting setup**.

ADDITIONAL

Programming: Python, C++, Java, JavaScript, HTML, CSS

Frontend: React, Next.js, Tailwind CSS, MUI

Backend / Databases: Node.js, Express, Supabase, Firebase, MongoDB

Data / Tools: Pandas, NumPy, Matplotlib, Jupyter Notebook, GitHub, Figma, Vercel

Languages: English, Spanish