

Benjamin Garcia

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EDUCATION

Mount San Antonio College

Bachelor of Science in Computer Science - Transferring to UCI (GPA: 4.0/4.0)

- President's List, Honor's Program, PTK, AGZS, Computer Science Club's Outreach Officer

Walnut, CA

Jun. 2023 – Present

EXPERIENCE

Backend SWE Intern

Mar. 2025 – Present

Todd

Remote

- Developing backend solutions that leverage AI and machine learning to automate large-scale agricultural data analysis and optimization.

Software Developer

Feb. 2025 – Apr. 2025

Reality AI Lab

Remote

- Contributed to open source development through optimizing front-end components with **React.js**, focusing on user interface enhancements and seamless responsiveness.
- Supported backend development with **Node.js** and **Python**, integrating **RESTful APIs** for improved data handling and system interactions in tandem with **Firestore DB** and **Firebase Realtime DB**.

Front-End Developer

Sep. 2024 – Apr. 2025

AdeptEye

Walnut, CA

- Revamped and optimized **2+** business websites on Squarespace and Shopify, **reducing load times by 50%** and enhancing UX, resulting in higher engagement.
- Customized Shopify storefronts** using **Liquid**, implementing features like breadcrumbs, restricted-access dealer pages, and dynamic product filtering.
- Led the redesign and launch of **TeaSpots' e-commerce website**, integrating **POS systems** to handle **hundreds of weekly transactions**, reducing **site load times by 40%**, and achieving **1,800 page views** with **200 unique visitors** in the first week post-launch
- Spearheaded UI/UX improvements**, collaborating with graphic design & video production teams to ensure **seamless branding** across client websites.
- Led stakeholder communications**, translating business requirements into site enhancements, ensuring functionality aligned with client needs.

AI Engineer

Mar. 2024 – Apr. 2025

Outlier AI

Remote

- Optimized AI response pipelines** through **A/B testing**, evaluating **30-50 AI responses per session** to refine prompt engineering strategies
- Engineered a recursive self-improvement method**, leveraging **failure-based training prompts** to improve LLM reasoning and reduce incorrect trend-based responses by **15-20%**
- Collaborated in AI research discussions**, contributing insights on LLM behavior and improvements through Outlier's platform.
- Designed evaluation strategies for prompt effectiveness**, analyzing response quality and identifying **hallucination patterns** to enhance model accuracy.

PROJECTS

logit | Next.js, Tailwind CSS, PostgreSQL

Dec. 2024

- Built a full-stack workout logging app with an intuitive UI, enabling **seamless workout tracking and progress visualization**.
- Implemented a **react-calendar** and **Recharts** visualizations, allowing users to edit past sessions and analyze progress trends over time.
- Designed and optimized a **PostgreSQL database**, supporting tags, comments, and dropsets for flexible workout tracking and progressive overload analysis.

Mt. SAC CS Club Website | React.js & Bootstrap

Sep. 2024

- Spearheaded a **complete redesign** for the **900+ member Computer Science Club**, increasing website traffic by **10x** through improved usability, member engagement, and event sign-ups.
- Developed features for **real-time event updates**, **officer profiles**, and **open-source collaboration opportunities**, improving user engagement.

TECHNICAL SKILLS

Languages: Java, C++, SQL, Python, JavaScript, TypeScript, Liquid

Frameworks & Libraries: React, Next.js, Bootstrap, Tailwind CSS

Developer Tools: Git, GitHub, VS Code, Netlify, Vercel, Vite, Prisma

Relevant Courses: Data Structures & Algorithms, Linear Algebra & Differential Equations, Discrete Mathematics, OOP