Benjamin Garcia

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EDUCATION

Mount San Antonio College — Walnut, CA
Bachelor of Science in Computer Science - Transferring to UCI (GPA: 4.0/4.0) — *Jun. 2023 – Present*
- President's List, Honor's Program, PTK, AGZS, Computer Science Club's Outreach Officer

EXPERIENCE

Incoming Backend SWE Intern — Mar. 2025 – Present
Todd — *Remote*

Software Developer — Feb. 2025 – Present
Reality AI Lab — *Remote*
- **Contributing to the open source full-stack development** of **Marvel AI (AI Teaching Assistant) and Sky AI (AI Career Coach)**, integrating **AI-driven learning and career support features**
- **Developed and optimized 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 – Present
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 – Feb. 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