Benjamin Garcia

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EDUCATION

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

EXPERIENCE

Software Developer — Feb. 2025 – Present
Reality AI Lab — *Remote*
- Currently contributing to the development and refinement of the **full-stack** architecture for Marvel AI (AI Teaching Assistant) and Sky AI (AI Career Coach).
- Built and optimized the front-end with **ReactJS** and developed back-end services using **Node.js, Python, and RESTful APIs**.
- Managed data and real-time workflows with **Firestore DB, Firebase Realtime DB, and Redis**.

Front-End Developer — Sep. 2024 – Present
AdeptEye — *Walnut, CA*
- Revamped **2+** business websites on Squarespace and Shopify, **reducing load times by 50%** and enhancing UX, leading to higher engagement.
- Customized Shopify storefronts using **Liquid**, implementing features like breadcrumbs and restricted-access dealer pages to enhance functionality.
- Managed **stakeholder** requests and collaborated with **graphic design & video teams**, ensuring cohesive branding across client websites.

AI Engineer — Mar. 2024 – Feb. 2025
Outlier AI — *Remote*
- Reviewed and optimized **30-50 AI responses** per month, refining prompt structures to enhance model accuracy and coherence.
- Designed **failure-based training prompts**, improving LLM reasoning and reducing incorrect, trend-based responses by **15-20%**.
- Adjusted AI model settings and response guidelines, ensuring alignment with client requirements and company standards.

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**, significantly improving usability, member engagement, and event sign-ups.
- Increased website traffic by **10x** post-launch, replacing an outdated version with an intuitive, functional design.
- Developed features for **real-time event updates, officer profiles, and open-source collaboration opportunities**, improving user engagement.

Tea Spots | *HTML, CSS, Square Online* — Sep. 2024
- Redesigned and launched a fully optimized **e-commerce website**, integrating POS systems to handle **hundreds of weekly transactions**.
- Improved site load times by **40%**, reducing bounce rates and enhancing mobile user experience
- Achieved **1,800** page views and **200 unique** visitors in the first week post-launch, demonstrating strong user engagement.

Suika Remake | *Python, Pygame, Pymunk* — Aug. 2024
- Implemented realistic **ball dynamics**, including **collision detection and response**, enhancing gameplay experience.
- Created a unique mechanic where balls evolve through a series of colors and sizes upon **merging**, adding a strategic layer to the game. As well as a **dynamic scoring system.**
- Enabled player movement and **shooting mechanics**, ensuring balanced gameplay through a **cooldown system**.

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