

EMPLOYMENT

Small Business Owner	California Thrift Store, Brawley	Dec 2023 - Present
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Retail, \$130K+ annual revenue

- Boosted revenue by 10% by launching a Shopify ecommerce platform, expanding market reach.
- Increased online traffic by 150% through targeted digital marketing, achieving an 8% CTR on social ads.
- Secured loan for property acquisition at 65% below market value, saving \$255K+ in interest.

Solutions Engineer II	Capital Group, Irvine	Aug 2021 – Dec 2023
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- Promoted to Solutions Engineer II in April 2023; led an Agile project team of 9 through HRIS initiatives.
- Drove \$1MM in annual savings by automating core processes within an HR data management platform.
- Implemented a 3rd-party people insights SaaS platform, achieving an 80% user satisfaction rate by addressing key customer pain points collected from VoC study and routine check-ins.
- Managed end-to-end development of a .NET/Angular/SQL full stack web application, resulting in \$750K+ saved annually by consolidating several HRIS data sources.
- Created automated Alteryx workflows for quality assurance of an HR system, minimizing errors to nearly 0%.

EDUCATION

Irvine, CA	University of California, Irvine	Sep 2017 – Jun 2021
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- B.A. in Business Economics, June 2021.
- B.S. in Informatics with specialization in Human Computer Interaction, June 2021.
- **Undergraduate Coursework:** Software Engineering; Project Management; Programming Languages; Human Computer Interaction; Information Retrieval; Information Visualization; Software Test & Quality Assurance; Econometrics; Managerial Economics; Corporate Finance; Financial Investments; Calculus III; Linear Algebra

TECHNICAL EXPERIENCE

Projects

- **Siliconian Showdown:** Developed a monster battling MMO featuring global chat, global matchmaking, public & private lobbies, account personalization, game mode customization, and user roles. Created with MERN stack and deployed on a VPS with Ubuntu OS, using NGINX for reverse-proxying.
- **Nanovor Reborn Server:** Launched a Discord server for players of Siliconian Showdown, used for communicating announcements, conducting polls, and hosting events for 350+ members.
- **Silicon Showdown:** Built a single-player, text-based monster battling game in Python, leveraging the Tkinter library for the UI and packaging the app into an executable using cx-Freeze.
- **Portfolio Website:** Designed and implemented a responsive, mobile-optimized portfolio website using Next.js, Typescript, and Tailwind CSS.
- **Shopify Auto Tweeter:** Developed a Python module to automatically detect when a store owner creates a new product listing, sending out a notification tweet via the Shopify and Twitter APIs.

ADDITIONAL EXPERIENCE

- **Post-Closing Intern (Summer 2020):** Ensured accuracy and consistency in loan documentation, supporting audit readiness and operational integrity for CoreVest Finance.
- **Commercial Lending Intern (Summer 2019):** Conducted property site visits and financial analyses to validate loan eligibility and optimize lending decisions for Pacific Enterprise Bank.

LANGUAGES AND TECHNOLOGIES

- Javascript, HTML, CSS, Python, Java, SQL, Spanish
- Jira, Confluence, Figma, Axure, Alteryx, Microsoft Office, Visual Studio; Microsoft SQL Server; Eclipse