

Anthony R. Li

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<https://github.com/AnthonyRLi> | <https://www.linkedin.com/in/anthony-li-cs/> | <https://anthony-r-li-portfolio.vercel.app/>

Results-driven Full Stack Developer with 2 years of professional experience and 4+ years of practical coding expertise. Proven record of building robust web applications, implementing data integration solutions and leading development projects. Combines strong technical skills with a background in finance and project management from a top 10 asset management firm. Adept at leveraging analytical and leadership abilities to develop user-centric solutions that drive efficiency and deliver measurable cost savings.

WORK EXPERIENCE

Full Stack Developer

February 2024 - Current

Santa Cruz Metro Transit District

- Designed and implemented an in-house service alerts platform serving 3.6M annual riders and 360K annual website visitors, enhancing real-time communication while replacing an outdated system and eliminating a \$34K annual expense.
- Co-developed a reliable data integration solution in Golang to synchronize critical information between Workday and a legacy third-party system, automating data transfer processes and ensuring seamless database consistency across platforms.
- Redesigned database architecture to optimize Crystal Reports, reducing reporting time by 2 days and enhancing flexibility.
- Drove vendors to resolve API discrepancies, ensuring alignment with GTFS specs and enhancing system interoperability.

Full Stack Software Engineer – Amortize.ai Team

October 2022 - Current

Amortize Me LLC

- Engineered an intuitive Tutorial UI featuring dynamic image zoom-on-hover functionality, coupled with a flexible backend system that streamlines tutorial creation for administrators, enhancing user onboarding and platform scalability.
- Implemented user authentication and authorization using Google Firebase, establishing the foundation for future user growth.
- Created client data page, integrating user-friendly drag-and-drop tables, column-based filtering, and sortable columns.
- Developed Tiptap-based email signature tool and custom image management system, enhancing user customization.
- Designed webhook forwarding system enabling seamless third-party application integrations.
- Automated periodic ingestion of legacy Excel data into MySQL using scripts to streamline data processing workflows.

Sr. Portfolio Accounting Analyst - Assistant Vice President

December 2017 - January 2024

Wellington Management Company

- Spearheaded and developed an in-house reconciliation solution in Python to replace an outdated tool, eliminating \$30K in annual fees, enabling unlimited user access, and significantly improving processing speed for high-risk break identification.
- Optimized Python scripts for data extraction and transformation - Streamlined processes saved the team 30 minutes daily.
- Produced VBA macros to save analysts up to 10 hours a week and which were transitioned to production applications.
- Managed Northeastern University Co-ops - created macro that enabled Client Services team to self-serve, freeing our team.

SKILLS

Languages: Typescript, GoLang, Javascript, Python

Technology: Jest, Docker, Redux, RabbitMQ, Google Cloud Platform/GCP, MySQL, PostgreSQL, MongoDB, GraphQL, REST APIs, Firebase, Express.js/ExpressJS, Next.js/NextJS, React.js/ReactJS, Node.js/NodeJS, HTML, Crystal Reports, Workday, Linux, Git

EDUCATION

UC Berkeley Extension

Berkeley Coding Boot Camp – Full Stack Developer, Computer Engineering

Berkeley, CA

March 2023

Northeastern University – Bachelor of Science, Computer Science Minor

D'Amore-McKim School of Business, Business Administration - Finance & Accounting

Boston, MA

Relevant Coursework: Algorithms & Data, Computer Systems, Logic & Computation, Fundamentals of CS, Discrete Structures

ACCOMPLISHMENTS

MIT Grand Hack 2023 – 1st Place, VeriPRIX - Pharmacy Price Transparency Platform | **Wellington Hackathon 2020** – 2nd Place

Bootstrap – Computer Science Education Program Volunteer Teacher – CS opportunities for girls & underrepresented populations