

Eric Minassian

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EDUCATION

Bachelor of Science in Computer Science | University of California, Irvine | **GPA: 4.0/4.0** June 2025
Bachelor of Arts in Business Administration | University of California, Irvine | **GPA: 4.0/4.0** June 2025

SKILLS

- **Languages:** TypeScript | JavaScript | Python | C++ | C | SQL | Bash | HTML/CSS
- **Technologies:** Docker | Git | MySQL | PostgreSQL | Amazon Web Services (AWS) | Microsoft Azure | Linux
- **Framework & Libraries:** React.js | Fastify | Node.js | Django | Next.js

EXPERIENCE

Walmart Global Tech | Software Engineer II Intern May 2023 - Aug 2023

- Developed a full-stack application using TypeScript, React, Redux, and Fastify to present store-specific pay structures to management, handling over 130,000 daily requests.
- Established an efficient CI/CD pipeline, automating static analysis, unit testing, and scalable deployment to Kuberentes clusters, serving over 5,500 stores globally.
- Led the creation of a cross-platform tool that automated changelogs, change requests, and documentation from Git history, enabling automatic code merges and reducing developer admin time.

Simply Personalized | Software Engineer Aug 2021 - June 2023

- Spearheaded the development of a C++ program for artwork management and distribution to embroidery machines, resulting in an 80% reduction in human error by eliminating manual processes.
- Developed an interactive order form using TypeScript, providing instant quotes for wholesale customers, increasing website retention by 87% and boosting online inquiries by over 1200%.

Undergraduate Finance Association | VP of Technology Mar 2022 - Mar 2023

- Directed a cost-effective WordPress migration strategy utilizing AWS, achieving a 66% reduction in expenses.
- Oversaw the integration of member login and video archive functionality, enabling remote access to in-person meetings and increasing viewership by an average of 152 attendees per meeting.

PROJECTS

Personalized Product Marketplace | (TypeScript, Python, React.js, Next.js) eric-minassian/putyourname

- Built a peer-to-peer marketplace enabling real-time, multilingual product personalization and previews.
- Automated payment and inventory tasks, saving 20 hours weekly, and established a CI/CD pipeline with GitHub Actions and AWS Lambda.

Search Engine | (Python, Flask) eric-minassian/search-engine

- Developed a web crawler and search engine applying information retrieval principles (SimHash, NLP, page rank, cosine similarity, tf-idf).
- Constructed a custom database for fast CRUD operations on an inverted index of corpus data, with operation speeds under 15ms.