

# 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 | Rust | Bash | HTML/CSS
- **Technologies:** Docker | Git | MySQL | PostgreSQL | Amazon Web Services (AWS) | Microsoft Azure | Linux
- **Framework & Libraries:** React.js | Next.js | Node.js | Jest | Jenkins | Fastify | Django

## 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 with Jenkins, automating static analysis, unit testing, and deployment to scalable Kubernetes clusters, serving over 5,500 stores globally.
- Led the creation of a cross-platform tool that automated changelog, change request, and documentation generation from Git history, enabling automatic code merges and reducing developer admin time.

**Simply Personalized | Software Engineer** Aug 2021 - June 2023

- Architected and developed a C++ program to manage and distribute artwork to embroidery machines, resulting in an 80% reduction in human error.
- Developed an order form that provides instant quotes using React, increasing online order submissions by 87%.

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

- Oversaw the integration of member login and video archive functionality, enabling remote access to live and pre-recorded meetings, increasing viewership by an average of 152 attendees per meeting.
- Directed a cost reduction initiative to migrate website services to a WordPress instance hosted on AWS, achieving a 66% reduction in expenses.

## PROJECTS

**Personalized Product Marketplace** | *(TypeScript, Python, React.js, Next.js)* [eric-minassian/putyourname](http://eric-minassian/putyourname)

- Built a peer-to-peer marketplace enabling real-time, multilingual product personalization and previews.
- Established a CI/CD pipeline with GitHub Actions to test and deploy code to AWS Lambda & CloudFront (CDN).
- Implemented end-to-end and unit tests using Cypress and Jest to reduce post-release defects.

**Search Engine** | *(Python, Flask)* [eric-minassian/search-engine](http://eric-minassian/search-engine)

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