Eric Minassian

Los Angeles, CA | 818-306-0857 | eric@ericminassian.com | ericminassian.com

Education

- **B.Sc. Computer Science,** University of California, Irvine. **GPA: 4.0/4.0**   **Jun 2025**
- **B.A. Business Administration,** University of California, Irvine. **GPA: 4.0/4.0**   **Jun 2025**

Skills

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

Work Experience

Software Engineer II Intern   **Walmart Global Tech**   **May 2023 – Aug 2023**

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

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

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

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

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

Projects

Personalized Product Marketplace   Contact for Demo

- Developed a peer-to-peer marketplace allowing real-time, multilingual product personalization and previews using **Python, TypeScript, React.js**, and **Next.js**.
- Implemented **Python**-based **batch jobs** that saved an average of **20 hours** per week by automating tasks like payment release and inventory processing, improving operational efficiency.
- Configured a **CI/CD pipeline** with **GitHub Actions** and **AWS Lambda** for automated code builds, tests, and serverless deployments.

Search Engine   github.com/eric-minassian/search-engine

- Applied information retrieval principles (simhash, NLP, page rank, cosine similarity, tf-idf) to create a web crawler and search engine.
- Developed a custom database for CRUD operations on an inverted index of corpus data, achieving operation speeds of under 15ms.