**Eric Minassian**

+1 818-306-0857 | [eric@ericminassian.com](mailto:eric@ericminassian.com) | Los Angeles, CA | [ericminassian.com](https://ericminassian.com)

**EDUCATION**

**University of California Irvine** June 2024

BS, Computer Science **GPA: 4.0**

BA, Business Administration, Finance

Relevant Coursework**:** Data Structures | Algorithms | C/C++ | Python | Systems Design | Linear Algebra | Discrete Math

**SKILLS**

**Programming Languages**: TypeScript | JavaScript | Python | C++ | C | SQL | HTML | CSS | Bash

**Frameworks and Libraries**: React | Node.js | Next.js | Solid.js | Fastify | Redux | Django

**Technologies**: Kubernetes | Docker | Git | Linux | PostgreSQL | MySQL | Amazon Web Services (AWS) | Microsoft Azure

**EXPERIENCE**

**Software Engineer II Intern** May 2023 – August 2023

*Walmart Global Tech*

* Developed a scalable **full-stack** application using **TypeScript, React, Redux**, and **Fastify** to efficiently present store-specific pay structures, managing **over** **130,000** **daily requests**.
* Implemented and configured a streamlined **CI/CD** pipeline, automating **regression testing** and faciliating seamless deployment of services using **Kubernetes** clusters for use by **over** **5,500** **stores** globally.
* Contributed a module to an internal library, enabling seamless authentication via **JWT** tokens and Single Sign-On, adopted by **6 projects**.

**Software Engineer** August 2021 – June 2023

*Simply Personalized*

* Led the development of a peer-to-peer marketplace allowing real-time, multilingual product personalization and previews using **Python**, **TypeScript**, **React**, and **Next.js**.
* 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%**.
* Revamped an outdated wholesale website through frontend and backend enhancements on the **WordPress CMS**, resulting in a **130% increase** in page views.

**V.P. of Technology** March 2022 – March 2023

*UFA at University of California Irvine*

* 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 Ecommerce Website**

*Not Open Source – Contact for Demo*

* Developed a P2P Ecommerce store allowing real-time product personalization and previews using **Next.js, React,** and **TypeScript**.
* Implemented **Python**-based **batch jobs** automating tasks like payment release and inventory processing, saving **20 hours** per week on average.
* Configured a **CI/CD** pipeline with **GitHub** **Actions** and **AWS Lambda** for automated code builds, tests, and serverless deployments.
* Integrated **Stripe API** for both payments and automatic payouts to vendors.

**Search Engine**

[*github.com/eric-minassian/search-engine*](http://www.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**.