

# 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
- **Frameworks & Libraries:** React.js | Node.js | Next.js | Fastify | Django | Solid.js

## Work Experience

<b>Software Engineer II Intern</b>	<b>Walmart Global Tech</b>	<b>May 2023 - Aug 2023</b>
<ul style="list-style-type: none"><li>• Developed a <b>full-stack</b> application using <b>TypeScript, React, Redux</b>, and <b>Fastify</b> to present store-specific pay structures to management, handling over <b>130,000 daily requests</b>.</li><li>• Established an efficient <b>CI/CD</b> pipeline, automating static analysis, unit testing, and scalable deployment to <b>Kubernetes</b> clusters, serving <b>over 5,500 stores</b> globally.</li><li>• 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.</li></ul>		
<b>Software Engineer</b>	<b>Simply Personalized</b>	<b>Aug 2021 - June 2023</b>
<ul style="list-style-type: none"><li>• Spearheaded the development of a <b>C++</b> program for artwork management and distribution to embroidery machines, resulting in an <b>80% reduction</b> in human error by eliminating manual processes.</li><li>• Developed an interactive order form using <b>TypeScript</b>, providing instant quotes for wholesale customers, increasing website retention by <b>87%</b> and boosting online inquiries by <b>over 1200%</b>.</li></ul>		
<b>V.P. of Technology</b>	<b>Undergraduate Finance Association</b>	<b>Mar 2022 - Mar 2023</b>
<ul style="list-style-type: none"><li>• Directed a cost-effective <b>WordPress</b> migration strategy utilizing <b>AWS</b>, achieving a <b>66%</b> reduction in expenses.</li><li>• Oversaw the integration of member login and video archive functionality, enabling remote access to in-person meetings and increasing viewership by an average of <b>152 attendees</b> per meeting.</li></ul>		

## Projects

<b>Personalized Product Marketplace</b>	Contact for Demo
<ul style="list-style-type: none"><li>• Built a peer-to-peer marketplace enabling real-time, multilingual product personalization and previews using <b>Python, TypeScript, React.js</b>, and <b>Next.js</b>.</li><li>• Automated tasks such as payment release and inventory processing using <b>Python</b>-based batch jobs, saving an average of <b>20 hours</b> weekly and enhancing operational efficiency.</li><li>• Established a <b>CI/CD</b> pipeline with <b>GitHub Actions</b> and <b>AWS Lambda</b> for efficient code builds, tests, and serverless deployments.</li></ul>	
<b>Search Engine</b>	<a href="https://github.com/eric-minassian/search-engine">github.com/eric-minassian/search-engine</a>
<ul style="list-style-type: none"><li>• Developed a web crawler and search engine applying information retrieval principles (SimHash, NLP, page rank, cosine similarity, tf-idf).</li><li>• Constructed a custom database for fast CRUD operations on an inverted index of corpus data, with operation speeds under 15ms.</li></ul>	