

Eric Minassian

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EDUCATION

University of California Irvine

B.S, Computer Science, Information

B.A, Business Administration, Finance

Relevant Coursework: Python | C/C++ | Data Structures | Discrete Math | Linear Algebra | Probability and Statistics

June 2024

GPA: 4.0

SKILLS

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

Frameworks and Libraries: React | Django | Flask | WordPress

Technologies: Git | Linux | Docker | PostgreSQL | Amazon Web Services | Amplify | EC2 | S3 | Elastic Beanstalk

EXPERIENCE

Software Engineer

August 2021 – Present

Simply Personalized

- Developed a peer-to-peer marketplace that allows live product personalization in multiple languages, utilizing technologies such as **Python**, **React**, and **REST API**.
- Implemented an interactive **JavaScript**-based order form that enables customers to design products and receive quotes - increasing website retention by **87%** and online inquiries by over **1200%**.
- Transformed an unmaintained wholesale website by implementing frontend and backend improvements on the **WordPress CMS** - resulting in a **130% increase** in page views.

Learning Assistant

September 2022 - Present

University of California Irvine

- Led a section of **12 students** through weekly coding assignments, providing guidance on topics such as object-oriented-programming and data structures.
- Supported **400+** students in gaining fluency with **Python** by hosting office hours and facilitating peer learning.
- Provided technical support to students during labs and projects, troubleshooting issues and providing guidance on debugging and problem-solving techniques.

V.P. of Technology

March 2022 - Present

Undergraduate Finance Association

- Designed and executed a strategy to migrate organization's website to a custom **WordPress** platform on **AWS**, resulting in cost savings of **66%** and enhanced development flexibility
- Oversaw the implementation of member login and video archive functionality, enabling remote rewatching of in-person meetings and resulting in an average of **152 additional** views per meeting.

PROJECTS

Customized Product Ecommerce Website

Not Open Source and Still Not Public – Contact for Demo

- Utilized **Django** as the backend framework to build a robust and scalable peer-to-peer marketplace for customizable products.
- Implemented the **Django REST API** Framework to allow the **React** frontend to retrieve and update data from the **PostgreSQL** database.
- Implemented CI/CD pipeline using **GitHub** Actions and **AWS** for automatic code builds, tests, and deployments to production environments.
- Integrated **Stripe API** for handling secure payments and transactions.

Texas Hold'em Game with Smart Bots

github.com/eric-minassian/texas-holdem

- Developed a single player GUI game of Texas Hold'em using **OOP**, **Python**, and **Pillow**, featuring smart bots that make decisions based on probability of winning.
- Leveraged **Python unit testing** framework to achieve **100% code coverage** of the algorithm for determining the winner of a game, ensuring reliability and correctness of code.
- Received the highest grade amongst **300+** students.