

EDUCATION

University of Southern California, Viterbi School of Engineering Los Angeles, CA
Bachelor of Science in Computer Science & Business May 2023
Minor in Applied Analytics GPA: 3.8

Honors & Awards: Trustee Scholarship, Alpha Lambda Delta Scholar, Dean's List

Relevant Coursework: Programming in Python, Web Publishing, Data Structures & Object Oriented Design, Intro to Algorithms, Principles of Software Development, Microeconomics, Macroeconomics, Data Science

SKILLS

Programming/Scripting Languages: Python, C++, Java, Javascript, R, HTML, CSS, Swift, SQL, Typescript, C#

Frameworks and Tools: ReactJS, NodeJS, Postgresql, jQuery, Tableau, Git, Figma, Firebase, Docker, Unity

EXPERIENCE & LEADERSHIP

Adobe Inc. San Jose, CA
Software Engineering Intern - Workfront Fusion May 2022 - August 2022

- Analyze client resource usage and concurrency costs to create and predict efficient queues/worker pools
- Design and develop native app microservice in Fusion to gather usage data and send diagnostic reports
- Utilize machine learning to implement algorithm for designating resources based on client usage history
- Reduce resource costs by at least 15% and collaborate with team of 6 engineers and a product manager

PennyMac Financial Services Los Angeles, CA
Data Engineering Intern June 2021 - August 2021

- Optimize the performance of 50+ data pipeline jobs using pandas, Google OAuth 2.0, and AWS Athena/S3 to improve overall time usage, storage usage, and results delivery
- Collaborate with engineers and analysts to implement large-scale programs to query and extract data

Major League Hacking Alpharetta, GA
Software Engineering Explorer Fellowship February 2021 – May 2021

- Develop innovative personal projects and a technical portfolio with new technologies. Project Examples:
 - Get-SVG-Icons: VS Code Extension written in Typescript with sidebar, search functionality, and inline recommendations to program the direct integration of icons into frontend code
 - SocioMark: Social media platform where uploading images encodes personalized watermarks based on user's profile using machine learning neural networks, ReactJS, FastAPI, MongoDB, OpenCV

Develop for Good Alpharetta, GA
Product Manager and Full-Stack Developer August 2020 - February 2021

- Spearhead the feature and user design, progress, and technical development of a full-stack web application
- Implement features to schedule appointments and track records of 5,000+ patients for CARE International's Maternal Hospital in Somali using React.js, Node.js, and Postgresql

The Women's Network Syracuse, NY
Data Analytics Intern May 2020 – August 2020

- Engineer programs to collect and analyze the data of 7,000+ members for vital internal functions
- Discover new ways to leverage data and information to produce meaningful insights for problem-solving and new approaches in TWN's organization, recruitment, and retention strategies

PROJECTS

Rewriting the Code - Rewrite Your Summer *React.js, Express, Tableau, Airtable API*

- Responsive application to compile, search, and display the profiles of 6,000+ members for visualization

StockProbe *Python, Plotly, Pandas, Webbrowser*

- Program to report detailed financial analyses on income statement, earnings, & price/performance ratios