

EXPERIENCE

Adobe Inc.

Salt Lake City, UT

Software Engineer - Workfront Fusion

August 2023 - Present

- Develop **exposed API** in **NestJS microservice** to **automate workflow creation** from templates, reducing **customer and professional services' time-to-value** by 70%
- Lead **cross-team development** of native JSON app integrating Adobe Lightroom API with authentication and 15+ endpoints, creating **30+ use cases** for a **new enterprise Creative Cloud customer base**
- Design and implement Angular **product roadmap** of search, categorization, tagging, and filtering for Fusion Templates, **increasing the feature usage** 5x and **reducing onboarding** time for 10+ users/month
- Pioneer **first AI initiative** on the team with an AI Assistant using **LangChain and internal LLM's** trained on product documentation and user workflows, driving **customer efficiency, adoption, and innovation**

Adobe Inc.

San Jose, CA

Software Engineering Intern - Workfront Fusion

May 2022 - August 2022

- Analyze **resource usage** for 100+ enterprise clients to **optimize allocations** for efficiency
- Develop **RESTful NodeJS microservice** to **aggregate cost/usage metrics** and **clarify profit margins**
- Build data pipelines with MongoDB, Postgres, Elasticsearch, RabbitMQ to **improve customer insights**
- Implement **native JSON application** with microservice as backend for **weekly reports and visualizations**
- Reduce **resource costs** for 60% of clients, earning **top 5 ranking** among 1000 intern projects

PennyMac Financial Services

Los Angeles, CA

Data Engineering Intern

June 2021 - August 2021

- Optimize 50+ **data pipeline jobs** with pandas, Google OAuth 2.0, AWS Athena/S3, **cutting runtime** by up to 60% and **storage** by up to 30%
- Document upgrades with web-based diagrams, facilitating **team understanding and integration**
- Present optimization findings to engineers/analysts, **fostering collaboration and continuous improvement**

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, Dean's List, Alpha Lambda Delta Scholar

Relevant Coursework: Advanced Programming in Python, Web Publishing, Data Structures & Object Oriented Design, Introduction to Algorithms, Principles of Software Development, Software Engineering, Data Science

SKILLS

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

Frameworks and Tools: React, Node, Angular, Postgresql, Firebase, Docker, Unity, Flutter, LangChain, PyTorch

PROJECTS

Get-SVG-Icons

Typescript, Python, Beautiful Soup, HTML/XML

- VS Code Extension with 1000+ users, providing a side panel, search functionality, and inline recommendations for seamless integration of icons into frontend code to streamline UI development

SocioMark

ReactJS, OpenCV, MongoDB, FastAPI

- A secure social media platform employing authentication, customizable user profiles, posting, sharing, interactive liking/commenting functionalities, and advanced image encryption using Arnold transformations, safeguarding creators' content against piracy

Clarity

Flutter/Dart, Firebase, Cloud Vision API

- Mobile app for users to scan skincare products and receive personalized recommendations based on their skin type to optimize their skincare routines using image recognition, product ingredient data, and user data

Twitter-Skyline

- ?? replace with develop for good

langchain project

project for digital imaging team or open source project

Major League Hacking

Alpharetta, GA

Software Engineering Explorer Fellowship

February 2021 – May 2021

- Develop innovative personal projects and a technical portfolio using a variety of frameworks and tools
- Apply agile, feature-driven, and DevOps software development methodologies with extensive teamwork
- Pitch projects to tech industry professionals and employ feedback for continuous development

Develop for Good

Alpharetta, GA

Full-Stack Developer and Product Manager

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, track records, and offer telehealth support via chatting for 5,000+ patients for CARE International's Maternal Hospital in Somali using React.js, Node.js, Postgresql

TroyLabs

Los Angeles, CA

Software Developer and Engineering Consultant

February 2022 - Present

- Construct and maintain administrative database and web platform using Python, flask, SQL, HTML/CSS to effectively aggregate the functions of 4 externally-purchased services and reduce organizational costs
- Consult for a cohort of USC's most innovative student-led startups every semester regarding technical implementations, software system design decisions, and overall engineering solutions