

Jeffrey Qiu

San Ramon, CA 94583 | (925) 895-0531 | jeffreyqiu@ucla.edu

EDUCATION

University of California, Los Angeles

Candidate for B.S. in Computer Science

INDUSTRY EXPERIENCE

Affirm, Software Engineering Intern

June 2019 - August 2019

- Designed and implemented modularized omnichannel checkout portals for Affirm's travel merchants using React-Redux and ES6.
- Instituted white-glove treatment protocols for our best performing merchant partners.
- Built internal testing tools for UI/UX teams using Python and Flask.

Convoy, iOS Engineering Intern

March 2019 - June 2019

- Developed in-house internationalization framework to enable Convoy Spanish App and capture ESL carriers within the US trucking industry.
- Implementation designed with ReactNative, NPM, Android, iOS, Objective C, Sinon, Jest, Typescript.
- Designed end-to-end carrier experience for non-native speaking (ESL) truckers from automated routing and load bidding to on-demand logistical support.

Amazon Music, Software Engineering Intern

September 2018 - December 2018

- Prototyped and deployed numerous real-time data streaming pipelines for customer behavior analysis models.
- Designed infrastructure with Spark Streaming, PySpark, MapReduce, AWS Kinesis, EMR, Lambda, S3, ECS, ElastiCache, and ElasticSearch.
- Took initiative to perform managerial functions such as identifying key internal stakeholders and guiding product development.

LinkedIn, Software Engineering Intern

June 2018 - September 2018

- Revamped and deployed LinkedIn Feed's "Related Articles" feature in production to LinkedIn's 120MM+ daily active users.
- Designed and implemented backend tracking system to monitor failures in rendering updates to the LinkedIn Flagship Feed.
- Implemented with Java 8, Pig, Hadoop, and Python.

Trend Micro, Software Engineering Intern

June 2017 - September 2017

- Identified network security threats through big data analysis with Apache Spark.
- Created malware threat reports for clients w/ SparkSQL & AWS Athena.
- Sanitized data and built benchmark tests with Jupyter notebooks.
- Developed best practices for Parquet file format storage in AWS S3.
- Redesigned and optimized existing ETL pipeline.

HONORS AND AWARDS

Upsilon Pi Epsilon, Computer Science Honor Society