

Employment

Aircraft Dispatcher

CommutAir

June 2019 – present

- Monitor the progress of flights. Issue necessary information for the safety of flights. Cancel or redispach flights that cannot operate or continue to operate safely as planned or released.

Aircraft Dispatcher

HeliFlite

March 2019 – June 2019

- Utilized tools such as Flight Operations System, SkyVector, and AirNav to schedule, build flight manifests, and build quotes for Part 135 flights. Ensured crewmembers adhered to duty limitations and received proper rest periods. Briefed crewmembers. Flight followed all company aircraft, while maintaining situational awareness in regards to weather, maintenance, weight and balance, etc. Disseminated schedule changes to crewmembers and clients.

Software Engineer

Microsoft

Aug. 2017 – Sept. 2018

- Worked on the Windows Platform Integrity team owning the telemetry, data pipeline, and reporting of a future Windows OS feature designed to prevent mobile device theft and reuse.
 - Developed telemetry to optimally collect usage and performance data critical to finding and fixing bugs, improving user experience, and feature iteration.
 - Developed big data pipelines to process raw telemetry data into datasets ready for reporting and analysis.
 - Analyzed data to create Power BI reports communicating feature health, performance, and usage to stakeholders.

Software Engineer Intern

Facebook

Summer 2016

- Worked on the Devserver Tooling team within the larger Developer Environment Infrastructure cohort.
 - Developed a tool to automate and improve the reliability of the transfer of developers' home directories between devservers. Increased success rate of transfers by 40%.
 - Paginated and added column search to web user interfaces of database tables containing transfer information.

Software Implementation Intern

Schoolzilla

Fall 2015

- Created Tableau reports for school districts to better analyze aggregate and individual student data.

Teaching Assistant

University of California Berkeley

Spring 2015 – Spring 2016

- Led one hour of discussion section and hosted two office hours per week. Provided individual tutoring for struggling students. Created discussion, review, and exam materials. Graded projects and exams.

Library Security Officer

University of California Berkeley

Fall 2014 – Summer 2015

- Patrolled main libraries to enforce and inform patrons of rules. Acted as a first responder to emergencies.

Education

Aircraft Dispatcher Certification

Federal Aviation Administration

February 2019

- Completed 216 hours of instruction at FlightSafety International, covering topics including but not limited to meteorology, Federal Aviation Regulations, flight planning and aircraft weight and balance. Passed the written exam with a 95% score and completed the practical oral exam.

B.A. Computer Science 3.082/4

University of California Berkeley

May 2017

- Major Courses: Artificial Intelligence, Data Analytics, Databases, Data Mining, Discrete Math and Probability Theory, Efficient Algorithms and Intractable Problems, iOS, Machine Structures and Computer Architecture, Networking Architectures and Protocols, Operating Systems, Security, Unix, and User Interface Design

Leadership

Resident Assistant

University of California Berkeley

May 2015 – May 2016

- Created community by planning and hosting events. Encouraged personal and academic development by acting as a resource and role model. Handled emergencies and mediated conflicts within the community of 400 residents.