

Employment

Air Traffic Controller **Federal Aviation Administration** **January 2020 – Present**

- Provide a vital public service to guide pilots, their planes and passengers from taxi to takeoff, through the air and back safely on the ground.

Aircraft Dispatcher **HeliFlite/CommutAir** **March 2019 – January 2020**

- Planned and monitored flights considering route, weather and regulations. Issued safety info to crew inflight.

Software Engineer **Microsoft** **Aug. 2017 – Sept. 2018**

- Worked on the Windows Platform Integrity team owning the telemetry, data pipeline, and reporting of a 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.