

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** Python;Ruby;Bash; Java
- **Systems and Cloud:** AWS; Terraform;Git;Docker; Chef; CircleCI; Linux/Unix Systems Administration
- **Data:** Redshift;Postgresql; Redis; Elasticsearch

EMPLOYMENT

Software Engineer **18F, General Services Administration** **September 2016 -Present**

Login.gov Infrastructure and Data Engineering

- Migrated and Refactored an AWS Lambda, Redshift, and S3 data processing pipeline cluster that handles millions of log files per month.
- Helped scale login.gov platform to 7 million users as part of the DevOps/Site Reliability Engineering team.
- Developed a continuous integration process for automated accessibility compliance scanning for 18f.gsa.gov and turn it into a best practices engineering guide.
- Contributed to the implementation of a centralized secrets storage system using AWS S3, IAM, and Chef . This significantly improved internal identity management as well as made our architecture more robust and adaptable to scaling challenges.
- Designed and implemented a Ruby gem to handle verification of state driver’s licenses during identity proofing process.
- Serve as Engineering Diversity Lead to collaborate with the leadership team in establishing inclusive and welcoming team practices.

Software Developer(ITCFP program) **The Boeing Company** **January 2015 -August 2016**

- Developed automation and continuous integration tools for a Boeing platform as a service hosting 400+ applications used by airline customers and internal teams.
- Collaborated with architects and network engineers to perform regression testing of backup and restore, mail server, firewall, software security scanning, and linux package managers.
- Part of a training and development committee which facilitated researching and providing learning opportunities in emerging technologies such as Virtual Reality, Git, Elasticsearch, and 3D Smart Factory

Summer Technology Analyst **JP Morgan Chase & Co** **May 2013 – August 2013**

- Won Top 5 project in the Technology for Social Good challenge for a Node.js REST API
- Implemented automated tests and reduced manually testing by 50%. Presented the project and recommendations to colleagues and IT executives.

IT Computing Architect, Intern **The Boeing Company** **September 2013 - August 2014**

EDUCATION

Oxford, OH **Miami University-Oxford** **August 2010 – December 2014**

- **Bachelor’s of Science in Software Engineering;** Minor in Business
- **Certificate in Leadership:** [Lockheed Martin Leadership Institute](#)
- **Professional Institute for Management Education (PRIME)** at Farmer School of Business

ADDITIONAL EXPERIENCE AND AWARDS

- **18 of Last 9 Alumni Award Nominee 2017, 2018:** For exceptional young alumni at Miami University.
- **Computer Science Instructor - Rainier Scholars (2015 – 2017):** Taught game development and computer science class to 8th graders.