

EDUCATION

- **Rice University** Houston, TX
Computer Science; GPA: 3.93 May 2019

EXPERIENCE

- **U.S. Government (Restricted)** Northern Virginia
Data Science Intern Sept 2018 - Dec 2018
 - Implemented data mining and data warehousing programs to allow retrieval of key information from large and dynamic data sets
 - Supported the rigorous application of information assurance policies in the delivery of data management services
- **Northrop Grumman Mission Systems** Fairfax, VA
SIGINT Technology Center Intern May 2018 - Aug 2018
 - Designed pipeline to facilitate extendable conversion of location data between supplier component and internal projects
 - Constructed comprehensive unit tests to ensure code correctness and output validity
- **Baker Hughes, a GE company** Houston, TX
Digital Technology Leadership Program Intern May 2017 - Aug 2017
 - Developed Tableau reports to drive purchasing expense reduction by unifying part life-cycle metrics from disparate data warehouses across the business
 - Released Python project to parse data stored in archived forging specifications into modern relational databases
- **Doerr Institute for New Leaders** Houston, TX
Special Projects Consultant Sept 2015 - Oct 2017
 - Manage invoicing and payments to contractors providing coaching services
 - Assist with the development and execution of metrics to measure students' leadership potential before and after participating in the program
 - Serve as a student consultant for the program when determining program content and student recruitment practices
- **Institute for Human and Machine Cognition** Pensacola, FL
Research Intern May 2015 - Aug 2015
 - Utilized a VMWare testbed to test the performance of an internal network protocol against other internet protocols in lossy radio environments
 - Developed a mobile application to interface with location-aware radio communication system

CERTIFICATIONS

- **Top Secret/SCI security clearance with full scope polygraph**

PROGRAMMING SKILLS

- **Languages:** Java8, Python, C/C++, SQL, Go
- **Technologies:** AWS (EMR, EC2), Google Cloud (App Engine), Heroku, Spark, Hadoop, Tableau, Git, Subversion, TFVC, SAP, \LaTeX

ACCOLADES

- **President's Honor Roll, Rice University** For recognition of undergraduate outstanding academic achievement
- **Greene Prize for Environmental Writing, Rice University** Honorable mention for Cultures of Energy class project

TEACHING

- **COLL 134: How the Web Works** Taught lecture and practicum for non-majors on technologies that drive the modern internet; Rice University student taught course
- **COMP 215: Program Design** Assisted teaching lecture and lab on the principles of programming and functional, polymorphic program design

INTERESTS

- **Rice Academic Fellows Society** Enhance the academic life of residential college and provide free academic assistance to peers
- **Harris County Volunteer Deputy Voter Registrar** Support the civic life of Texas by assisting residents with the voting registration process