

## EDUCATION

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

## EXPERIENCE

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- **U.S. Government** 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

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- **TS/SCI/FSP clearance**

## PROGRAMMING SKILLS

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- **Languages:** Java8, Python, C/C++, SQL, Go
- **Technologies:** AWS (EMR, EC2), Google Cloud (App Engine), Heroku, Spark, Hadoop, Tableau, Git, Subversion, TFVC, SAP, L<sup>A</sup>T<sub>E</sub>X

## ACCOLADES

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- **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

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- **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

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- **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