

## **Work Experience**

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### **Data Engineering Intern – Zendesk**

*Summer 2017*

- Developed tools and services for the Zendesk enterprise Big Data ingestion and analysis platform.
- Created robust automated workflows for data ingestion and ETL into Google BigQuery using Airflow
- Built web application to query and display data for financial reporting, replacing a weeks-long reporting process by the finance team
- Designed and wrote tools for intuitive data import/export between Google Cloud Storage, BigQuery, and Jupyter data analysis notebooks
- Communicated with finance and business analytics teams to assess needs, optimize applications, and provide support

### **Undergraduate Intern – FINRA Technology**

*Summer 2015-2016*

- Built applications utilizing Amazon AWS services including S3, EC2, DynamoDB, Lambda, SNS
- Created tools to simplify credentials management and backup/disaster-recovery processes
- Developed Java/REST based applications to automate and expedite manual workflows from weeks to completing in minutes

## **Relevant Skills**

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- Programming experience in Java, Python, C, Ruby, Groovy, Ocaml
- App development using Amazon AWS and Google Cloud Platform
- Experience in UNIX/Linux systems
- Development tools/frameworks such as Grails, Maven, Git, Docker, nginx

## **Education**

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### **University of Maryland , College Park | Clark School of Engineering, Honors College**

*Expected Dec. 2018*

- Pursuing a BS in Computer Engineering, 3.6 GPA

### **Relevant Coursework**

- Algorithms – Design and analysis of algorithms and data structures, time and memory optimization
- Computer Systems – Process and memory management in C; computer architecture; software optimization
- Engineering Design – Design and construction of an autonomous vehicle
- Computer Organization - Assembly and machine instructions; datapath/controller design, pipelining and memory hierarchy