

Chris Risley

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Work Experience

VMware

Boston, MA

SOFTWARE ENGINEER (INTERN)

January 2019 – June 2019

- Will be working on the vCloud Director

Cisco Systems

Cambridge, MA

SOFTWARE ENGINEER (INTERN)

June 2018 – August 2018

- Worked with Angular.js, Node.js, and Java (Spring) to improve both back end processes and front end navigation in the Cisco Defense Orchestrator (software solution to security policy management)
- Weekly demos to CDO team
- Complete integration into scrum team
- Contributed to a major front end navigation milestone that directly impacted CDO's users

BNY Mellon | Eagle Investment Systems

Wellesley, MA

SOFTWARE ENGINEER (INTERN)

January 2018 – June 2018

- Built CI/CD pipeline for Python projects. Used Gradle, Bash, Groovy, and Jenkins in the process.
- Independently developed a continuous data validation pipeline that helped improve and guarantee that our data was production ready. Used Infoworks, SQL, Python, Bash, Gradle, and Jenkins to develop it.
- Developed a command line ETL process between our HBase database and Elasticsearch database in Python.
- Maintained spool queries in charge of the transfer of data from multiple legacy databases to our Hadoop cluster.
- Actively engaged in best Agile Development practices while working as a fully functional scrum team member.
- Developed an Elasticsearch command line interface that helped streamline imports and exports to/from our Elasticsearch clusters.
- Built a Kibana utility tool to transfer internal .kibana configurations (including index mappings) from one cluster to another.

Inference Solutions

San Francisco, CA

SOFTWARE ENGINEER (INTERN)

July 2017 – September 2017

- Developed a modern web app using Firebase DB, PHP, Javascript, and HTML/CSS that manipulated and then visualized client data with various front end frameworks/technologies including Highcharts and Bootstrap.
- Decreased website loading times by 4-5 seconds in utilizing a standard MVC architecture and by applying dynamic programming fundamentals to the algorithms in charge of aggregating and interpreting data.
- Collaborated with the senior software developer, CMO, and CEO.
- Hosted Alexa skill on AWS Lambda that communicated with Inference's API to initialize, manage, and create interactive voice response campaigns.

Projects

Ecclesia

Golang, React Native, Firebase

A CROWD SOURCED LOBBYING, POLITICAL MOBILE APPLICATION. I AM RESPONSIBLE FOR THE PRODUCTION READY USER SERVICE, CAMPAIGN SERVICE, AND AUTHENTICATION SERVICE.

<https://github.com/ecclesia-dev>

RTop

Python Flask, HTML, CSS

A BASIC SUBREDDIT RE-STYLER THAT UTILIZES DATA PULLED FROM A WRAPPER API I CREATED AROUND THE REDDIT API IN PYTHON FLASK TO VISUALIZE A GIVEN SUBREDDIT ON WEB.

<http://rtop.herokuapp.com/>

Skills

Programming Languages: Python, Java, JS, PHP, C++, Golang

Database: SQL, MongoDB, Elasticsearch, Hadoop, Firebase

Infrastructure: Jenkins, Docker

Web: Flask, Angular, Node, HTML, CSS

Other: Git, Agile, Ableton, Guitar, Piano

Education

Northeastern University

Boston, MA

BS IN COMPUTER SCIENCE

Sep 2015 – May 2020

GPA: 3.28