

About Me

Programming Languages	C++ • Go • Javascript(ES6) • PHP 7 • Python 3 • Ruby • SQL
Frameworks/Libraries/Tools	Aerospike • Angular • AWS • Azure • Cassandra • Docker • Flask • GCP • GraphQL • Hyperledger • Jenkins • Kafka • Kubernetes • MongoDB • Node.js • OpenCV • Pytorch • Rails • React • Redis • Tensorflow • Travis
Education	George Mason University: Fall 2017 - B.S., Computer Science

Professional Experience

Volkswagen Credit, Inc.

Herndon, VA

Lead Full Stack Software Engineer: Innovation Labs
Full Stack Software Engineer: Innovation Labs

Sep 2019 - Apr 2020
Feb 2019 - Sep 2019

- Designing and scoping out all engineering prototypes for future development within the Lab
- Spearheading software architectural and database designs for all prototypes within the Lab
- Contributing to existing React/Node.js web application projects
- Developing algorithmic models using PyTorch
- Leading Summer 2019 engineering interns through applied machine learning projects in CV and algorithmic design

Discovery Communications, Inc.

Silver Springs, MD

Senior Software Engineer (Contract): Media Infrastructure

Nov 2018 - Jan 2019

- Developed and implemented a data pipeline for validating Discovery's video metadata using Python3
- Worked with AWS Elemental Live APIs to create a client-facing user interface for media delivery with Python3
- Completed a Google Cloud Developer and an AWS certification course
- Implemented authentication functionality for internal media delivery applications using Angular 2 and Node.js

Sequoia Holdings, Inc.

Reston, VA

Lead Full Stack Software Engineer (Laid Off): Blockchain

May 2018 - Jul 2018

- Translated company codebase to Python3 via a series of blockchain MVPs
- Wrote and productized a decentralized blockchain network for enterprise using Python3
- Developed a REST API with Flask for users to communicate with the network
- Delivered company-wide presentation sessions to guide product direction for blockchain

Microsoft

Washington, D.C.

Lead Software Engineer (Contract): Blockchain & AI/ML

Mar 2018 - Apr 2018

- Led architectural design and development for retail blockchain MVP built with React/Node.js
- Led development of pdf classification model within Azure ML team for creating a query portal

Telos Corporation

Ashburn, VA

Full Stack Software Engineer: Innovation Lab
Intern Software Engineer: Innovation Lab

Aug 2017 - Mar 2018
May 2017 - Aug 2017

- Utilized Github's Electron framework to build out a cross-platform dashboard UI for a desktop blockchain application
- Worked with the backend team to configure Hyperledger Composer and build REST APIs for productization
- Spearheaded research efforts into blockchain technology to guide project decisioning