

TOOLS/SKILLS

- C++
- JavaScript/Typescript
- Node.js
- Angular/React
- PHP
- Python
- SQL/NoSQL
- SSH/Shell Scripting
- Agile/CI/CD

EDUCATION

Bachelor of Science in Computer Science

University of the District of Columbia, Washington, DC

May 2019

PROJECTS

[NPR Project](#)

September 2019 – December 2019

NPR Workflow Builder

- Built a responsive and standalone visualization app with CRUD capabilities to work with a RESTful API.
- Coded using Angular 8, ElectronJS, PassportJS, and BackboneJS-based libraries.
- Deployed application using CI/CD pipelines to a UNIX server with NGINX.

[General Purpose API](#)

January 2020

Personal Portfolio

- Created a Node.js server to host an Express API that feeds data to a personal portfolio. Routes include email, weather service, chart data, stock market prices and NPR workflow samples.

[Market Charting](#)

December 2019

Personal Project

- Developed a webpage that charts some countries' ETF historical price once selected on an interactive map.
- Coded using Angular, D3.js and Leaflet.js. Data is provided by Yahoo Finance API.

[Market Prediction Using a RNN with "Attention"](#)

November 2018 – December 2018

Computer Science Capstone, University of the District of Columbia

- Implemented a NN model using Python, Tensorflow, and JupyterNotebook to make time-series predictions. Charts were rendered with the Pyplot library.

EMPLOYMENT HISTORY

Software Developer Intern — NPR, Washington, DC

September 2019 – December 2019

- Collaborated with software development team to create new features for NPR's production platform.
- Developed login authentication pages using both LDAP and API strategies for different apps.
- Gained experience in a professional software development environment using Agile methodologies.
- Experienced the full software development life cycle using Atlassian Dev tools.

Server — Jaleo, Washington, DC

January 2016 – August 2019

Technician — Architectural Trim Products, Landover, MD

June 2014 – June 2016