

TOOLS/SKILLS

- JavaScript/Typescript
- C++
- Python
- Angular/Express
- Jupiter Notebook
- Node
- SQL/NoSQL
- RESTful API
- Agile/CI/CD

EDUCATION

Bachelor of Science in Computer Science

May 2019

University of the District of Columbia, Washington, DC

PROJECTS

NPR Project

September 2019 - December 2019

NPR Proprietary Software

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

Drawing App

June 2019

Coding Challenge - Social Table

- Completed a drawing app where the user can draw and erase in a canvas with different styles, then save the drawing as a local image file.
- Coded using React with hooks and HTML5 canvas elements.

Stock Market prediction using a RNN with "Attention"

January 2018 – December 2018

Computer Science Capstone, University of the District of Columbia

- Implemented a NN model using Python, Tensorflow and Keras libraries, and Jupyter Notebook.

Cramer's Rule

November 2018

Linear Algebra, University of the District of Columbia

- Built C++ app to solve systems of linear equations using Cramer's Rule with recursion and memoization.

EMPLOYMENT HISTORY

Software Developer Intern - NPR, Washington, DC

September 2019 – Current

- Collaborated with software development team to create new features for NPR's production platform.
- Revised and 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.
- Participated in learning activities regarding all facets of radio production.

Server - Jaleo, Washington, DC

January 2016 – August 2019

Clerk - Aitheras, Rockville, MD

March 2015 – June 2016

Technician - Architectural Trim Products, Landover, MD

June 2014 – June 2016