

## EDUCATION

Charlottesville, VA	University of Virginia	Aug 2016 – May 2020
<ul style="list-style-type: none"><li>• B.S. in Computer Science, B.A. in Statistics GPA: 3.72</li><li>• <b>Coursework Taken:</b> Program and Data Representation, Databases, Introduction to Regression Analysis, Data Analysis in R, Computer Architecture, Calculus III</li><li>• <b>Currently Taking:</b> Operating Systems, Advanced Software Development, Internet Scale Applications, eCommerce Technologies</li></ul>		

## Experience

Software Engineer, Intern	May 2018 - Present
<i>Thinking with Tools</i> <ul style="list-style-type: none"><li>• One of two backend engineers involved on a project management app in an agile development environment to reduce client organization time by over 80%</li><li>• Designed ERDs and mock API's to expedite front-end testing and refactored Java code to streamline the reusability of queries in a Postgres database</li><li>• Leveraged the Angular framework and a Java-based backend to employ component-based design and scalable data services</li></ul>	
Summer Intern	May 2016 - June 2016
<i>Great Falls Elementary</i> <ul style="list-style-type: none"><li>• Developed JavaScript landing pages, unique page designs, and other features to enhance the storytelling aspects of the school website</li><li>• Responsible for over 70% of the website overhaul</li><li>• Performed quality control tests on web builds and identified solutions to any found issues</li><li>• Wrote code that is clean, well-segmented, easy to read, modify and maintain</li></ul>	

## PROJECTS

Hoya Hacks 2018 2 <sup>nd</sup> Place
<ul style="list-style-type: none"><li>• Implemented a web application that visualizes data found within hundreds of new articles using d3.js, Python, and Django to encourage victims of sexual abuse to speak up against their offenders</li></ul>
Webscraper + Data Visualizer
<ul style="list-style-type: none"><li>• Aggregated data through multiple car manufacturers' API to produce charts using JavaScript, Python, and Django REST that identify efficient locations to sell cars depending on multiple factors such as country and vehicle model</li></ul>
Word Search Solver
<ul style="list-style-type: none"><li>• Developed a program through C++ that, given a grid file and a dictionary file, finds over 3000 words within 2 seconds in the puzzle</li></ul>
Song Purchasing App
<ul style="list-style-type: none"><li>• Built an iOS and Android compatible application using React Native that allows users to scroll through and buy songs through Amazon</li></ul>

## Skills & Technologies

- Python, C++, Java, R, SQL, SAS, MATLAB, JavaScript
- Docker, Git, Jenkins, Tableau, Bootstrap, Kafka, Elasticsearch
- Comfortable working in a Linux environment

## Extracurriculars

- Association of Computing Machinery, Rubik's Cube Club, Table Tennis Club