mning@vt.edu
703-268-8712

Michael Ning

11561 Seneca Hill Ct.
Great Falls, VA, 22066

🌐www.michaelning.com | ⌂www.github.com/mning1598 | 🔗www.linkedin.com/in/mning1598

About Me

Programming	Java • C • HTML • CSS • JavaScript • Python • SQL • C++
Web / Media	React •Node • Express • GraphQL • Vue
Technologies	Git • Linux • AWS • Nginx • MongoDB • Tableau • Splunk
Certifications	Splunk Certified User 6.x • Splunk Certified Power User 6.x

Education

Virginia Tech   *Blacksburg, VA*

Major: Bachelor of Science in Computer Science   *Graduation: May 2020*
Overall GPA: 3.47
In-Major GPA: 3.72
Minor: Mathematics

Work Experience

AIG   *Reston, VA*

Software Engineer Intern   *June – August 2019*
- Integrated threat detection tools into ticketing platform to centralize data collection, saving time for other analysts.
- Developed in JavaScript, client-side and server-side scripts to streamline threat discovery to resolution process.
- Created a quality assurance platform for senior analysts to review randomly selected tickets.

ApolloDAE   *Remote*

Frontend Engineer Intern   *March 2019 – Present*
- Created a Single Page Application with SVG Animations built from scratch.
- Designed and developed components using VueJS, communicating with a REST API.

Lockheed Martin   *Rockville, MD*

Software Engineer Intern   *May – August 2019*
- Created Python scripts and used NLP tools to analyze proprietary reports/data.
- Developed web scrapers in Lockheed's internal tools to scrape online search engines and enable data-driven alerts.
- Created a Python script to process unstructured heatmap data and graph competitor relationships.

Employee Stock Option Fund   *San Mateo, CA*

Summer Analyst   *June – August 2019*
- Developed a Chrome extension as a tool to gather data and interact with ESO Fund's AWS server and database.
- Created data cleaning tools to preprocess and standardize data.

Personal Projects

Rate My Professors
- Developed a Chrome Extension (in Chrome Web Store) to streamline course selection process.
- Build using JavaScript and used AWS lambda as a proxy to pull data from other websites.
- Clicking on the extension displays class statistics and teacher ratings.