

Calvin Min

Email: cjm9vr@virginia.edu | Website: Calvinjmin.com

Education

University of Virginia, School of Engineering and Applied Sciences
Bachelor of Science, Computer Science

Expected May 2023

Battlefield High School/Northern Virginia Community College - IT Specialty Program

2015-2019

Relevant Coursework: Data Modeling and Design, Data Structures and Algorithms, PL/SQL Programming, Structure Query Language

Professional Experience

UVA ONSP – Orientation Leader

Summer 2020

- Worked with 150+ incoming students and introduced them to the university – virtually
- Learned how to facilitate and approach topics of diversity and inclusion in society
- Answered questions or redirected student to resources that pertained to student life (housing, academics, etc.)

American Stripping Company – Intern

Summer 2019

- Designed sculptures and artistic designs using a computer-aided design program, Autodesk Inventor 2019
- Managed and worked directly with the company's powder coating and welding team (15 members)

Cyber Patriot – Teacher/Competitor

2014-2019

- Directed and taught multiple sessions on bash scripting and basic command prompt knowledge
- Worked directly with cyber security professionals to manage a Capture the Flag Competition
- Utilized automated scripts to preform security actions on operating systems (Windows/Ubuntu)

Raul v. Bravo Associates, INC - Software Engineering Intern

Summer 2018

- Co-researched simulated train crashes using visual basic macros
- Created and managed multiple graphical user interfaces (GUI) for small programs in SIMPACK
- Created a dozen of programs within Microsoft Word's macro to ease the navigation process for large documents

Activities and Leadership Experience

Engineering Student Council (Service and Community) – Member

2019- Present

- Co-Managed a volunteer booth for Pancakes for Parkinson's, a local UVA fundraiser (2020)
- Co-Managed an engineering booth at Kidvention, a Charlottesville community event (2020)
- Managed Faculty Food Fest, a 30-person event with a \$1,000 budget (2019)

ILITE Robotics – President

2018-2019

- Oversaw an entire FIRST Robotics Competition Team which consisted of 60+ members
- Actively participated with the Technical Team (Build, Electronics and Programming)
- Awards: Chairman's Award (District and District Championships), Event Winner (Bethesda)

ILITE Robotics – Integration Lead

2017-2018

- Led important discussions regarding the robot's integrated design
- Managed the technical side of the robotics team: Build, Electronics and Programming
- Awards: Chairman's Award (District and District Championships), Event Winner (District and District Championships)

Technical Skills

Programming Languages: Bash, C, Haskell, Java, PL/SQL, SQL, Python, Visual Basic, Windows PowerShell

Computer Software: Autodesk Inventor 2016/2019, Microsoft Office (Excel, PowerPoint, Word), SIMPACK

Manual Skills: Basic Power Tools, Powder Coating (Metals), Welding, 3D Printing