

# Calvin Min

Email: cjm9vr@virginia.edu | Website: Calvinjmin.com | Phone: (571)-358-5605

## Education

---

**University of Virginia**, School of Engineering and Applied Sciences *Expected May 2023*  
*Bachelor of Science, Computer Science*

**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