

# Caleb Matsick

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## EDUCATION

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### **Liberty University, Lynchburg, VA**

**08/18-05/22**

- B.S. Computer Science, Honors Program with a minor in Mathematics and cognates in Cybersecurity and Software Engineering

### **Cumulative GPA: 3.7 / 4.0; Major GPA 4.0 / 4.0**

- Relevant Coursework: Computer Science Fundamentals, Advanced Programming, Discrete Mathematics, Human-Computer Interaction, Algorithms, Information Security, Calculus with MATLAB, Technical Communication, and Data Structures

## EXPERIENCE

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### **Cyber Defense Club**

**09/18-Present**

- Analyzed and scanned networks using tools like Nmap, NetCat, and Openssl
- Learned and employed Kali Linux and its bundled software such as Wireshark, BurpSuite, and CherryTree
- Competed in red-team blue-team exercises and CTF events
- Practiced network penetration through platforms like Hack The Box
- Tested real-world cybersecurity skills on various computers and networks

### **High-Performance Computing Club**

**09/19-Present**

- Designed and built a network of 10 computers to create a high performance computer using SLURM, Munge, and other open source tools
- Set up and assembled computer's hardware, connections, and physical layout

### **Community Group Leader at Liberty University**

**08/19-Present**

- Lead weekly mentorship and small group program for four college students

### **Lifeguard, Office Worker and Swim Instructor at Warrington Mary Barness**

**06/14-08/19**

- Utilized customer service and management skills in office and three pools

## Projects

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### **Personal Website** (<https://calebmatsick.github.io>)

- Designed and developed personal webpage utilizing HTML5 and CSS
- Employed GitHub pages and Jekyll to host and easily add new posts and pages

### **Gradebook Application**

- Developed an object-oriented gradebook application to store the names and grades of numerous students using C++

## SKILLS

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- Languages/technologies: Proficient in C++, Golang, MATLAB; previously used Python, Java. Experienced in Arch and Kali Linux, Git, Bash, Penetration Testing, Object-Oriented Programming