

# Makayla Ferrell

## Contact

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### Address

Alexandria, VA 22314

### Phone

703-868-5216

### E-mail

makayla.b.ferrell@gmail.com

## Skills

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C++	●●●●●
Python	●●●●●
Java	●●●●○
JavaScript	●●●○○
C	●●●○○

- Experience with Linux, Wireshark, Git, Docker, MySQL, PostgreSQL, NodeJS, React, Android Studio, and NGINX

- Advanced in Mandarin Chinese

## Certifications

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- CompTIA Security+ (Aug '19)
- CompTIA Pentest+ (July '20)
- eLearn Security eJPT (July '21)
- GIAC GWAPT (Nov '21)

## Awards

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- Department of Defense SMART Scholarship Recipient (2019 Cohort)
- TrendMicro CTF Winner (2021)

## Education

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### Master of Science | May 2023 | Georgia Tech

Major: Computer Science

- Specialization in Artificial Intelligence and Cybersecurity

### Bachelor of Science | May 2021 | University of Mary Washington

Major: Computer Science and Mathematics, minor in Cybersecurity

- Overall GPA 3.91
- Member of Phi Eta Sigma, National Society of Collegiate Scholars, Pi Mu Epsilon, Mathematics Association of America, Association of Computing Machinery, DiverCS, and Multicultural Leadership Council

## Work History

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### Security Software Engineer | May 2020 – Present

US Army CECOM Software Engineering Center, APG, MD

- Developed and maintained army systems to DevSecOps standards
- Developed and implemented software patches to mitigate security flaws

### IT Security Intern | May 2018 – February 2019

State Department Federal Credit Union, Alexandria, VA

- Oversaw SIEM and authored weekly security reports
- Designed and developed inventory management system
- Created business intelligence dashboards in Tableau

## Volunteer Experience

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### Director of Programming and Cybersecurity development | June 2021 – Present

Black Girls Hack

- Spearheaded, organized, and taught Pentest+ bootcamp.
- Taught and organized programming/scripting workshops

### Board Member | December 2020 – Present

Cloud Security Alliance LA Chapter

- Developed the chapter's student advancement and enacted the student charter.

### Lead Instructor | August 2020 – Present

Brown Girls Code

- Instructed computer science curriculum to middle school aged children.
- Led competitive virtual Robotics team