

Garrett Moore

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SUMMARY OF QUALIFICATIONS

- Experienced in information technology, operating system administration, application development
- Specialized at learning and utilizing new software and hardware in project-focused operations

EDUCATION

University of Georgia | *Morehead Honors College* *Athens, GA*
Bachelor of Science in Computer Systems Engineering *May 2028*
Minor in Computer Science, Minor in Mathematics *4.00 GPA*
Certificate in Cybersecurity, Certificate in Data Science
Engineering Academic Boot Camp Scholar, NACME Scholar, NSLS Scholar, Zell Miller Scholarship Recipient

RELEVANT COURSEWORK

Software Development | Discrete Math | Introduction to Electrical and Computing Systems | Introduction to Computing and Programming | Physics 1 for Engineering

TECHNICAL SKILLS

Technology Concepts: Operating Systems, FOSS/GNU Software, Linux/Unix, Networking, Machine Learning, Version Control
Programming Languages: Python, Java, MATLAB, Julia, C, Javascript, HTML/CSS, LaTeX
Languages: Fluency in English, Proficiency in Spanish

RELEVANT PROJECT EXPERIENCE

The SARS-COV-2 Pandemic Computer Generated Simulator August 2022 - February 2023

- Constructed a simulator with **98% accuracy** designed to predict the deaths from **SARS-COV-2** within local municipalities
- Consulted over **eight medical and research journals** for the latest accurate information related to the spread and mortality rate of **SARS-COV-2**
- Fabricated with key fundamental software concepts in mind, including **Object Oriented Programming**, modularity, and cross-compatibility

CERTIFICATIONS

Certiport MTA 98-375: HTML5 Application Development

Certiport – A Pearson VUE Business April 2023

- Demonstrated understanding of **web application development** using **Javascript, HTML/CSS**, modern design concepts, and webpage structures

Harvard CS50T: Understanding Technology

Harvard University Online January 2022

- Attained comprehension of **computer operations and networking**, human interactions with computers, and the **Seven Layers of Cybersecurity**

ACTIVITIES AND INVOLVEMENT

The Hack Pack, UGA | *Head of Embedded System Security Research* August 2024 - Present

- Initiated research projects and community outreach efforts as **Head of Embedded System Security in A.R.E.S Cybersecurity lab**
- Acquired skills in pentesting, **radio wave manipulation**, satellite hacking, cryptography, and more

Dev Dogs, UGA

Algorithms Team Focus Lead June 2024 - Present

- Streamlined the management of over **30 team members** and creation of internal documentation as the **Algorithms Team Focus Lead**
- Oversaw the integration of the Algorithms team into our full stack web application with third party APIs like **CP-SAT** and **Genetics**