

# Ruben Taylor

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## EDUCATION

**Georgia Institute of Technology, College of Computing**

Atlanta, GA

*Bachelor of Science, Computer Science; GPA: 4.0*

May 2027

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, C, SQL, Swift, Ruby, JavaScript, HTML/CSS

**Developer Tools:** Git, Docker, MySQL, LaTeX, Windows, Linux, MacOS, Visual Studio Code

**Certifications:** GFACT (SEC 275)

## EXPERIENCE

**Network Engineer Intern**

June 2024 – Present

*Franciscan Village*

*Lemont, IL*

- Monitored network performance and troubleshooted outages to prevent disruptions in service, resulting in a 25% decrease in downtime and improving overall network reliability for over 300 residents
- Changed and programmed access points, leading to a 70% increase in total coverage, enhancing connectivity and user satisfaction across all facilities
- Deployed an automated script for resident problems, reducing manual updates by 25% and improving issue resolution times by 40%

**Math Tutor**

August 2022 – June 2023

*Lane Tech College Prep*

*Chicago, IL*

- Utilized various teaching techniques based on individualized learning preferences and strengths of 200+ students, achieving a 25% boost in exam scores on average
- Delivered personalized one-on-one tutoring to students enrolled in Algebra through AP Calculus 1, focusing on reinforcing fundamental concepts and elevating overall math proficiency levels

## PROJECTS

**Multi-Threaded TCP Server** | *C++, Git*

June 2024

- Developed a TCP Server capable of handling over 100 simultaneous user connections, optimizing responsiveness and scalability
- Implemented a command parsing system, enabling users to interact with the server and each other through over 10 custom commands
- Enhanced server functionality to support user-to-user communication, enabling seamless exchange of messages among over 100 users concurrently

**Android Battery Optimization App** | *Java, Git, XML*

January 2024

- Led a team of 3 to successfully design, develop, and implement a battery optimization application using Java and XML within Android Studio
- Resulted in a 200% increase in battery lifespan through strategic charge management

**CyberStart America** | *Python, Java, C, HTML + CSS*

October 2022 – January 2023

- Received \$4,000+ NCSF Scholarship and achieved highly-regarded GIAC Certification, validating advanced knowledge and skills in information security, computer hardware, computer software, and computer programming
- Achieved first place in the state of Illinois in a nationwide cybersecurity competition
- Applied a diverse range of penetration testing techniques and crafted programs using a multitude of programming languages

## INVOLVEMENT

Quant Finance Club | *Member*

September 2023 – Present

Association for Computing Machinery | *Member*

September 2023 – Present

## AWARDS

**CyberStart America Scholar and Finalist**

April 2023

**NCSF Scholar With Honors + Scholarship**

April 2023