Robert Jack Helmer

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EDUCATION

University of North Carolina at Charlotte (UNCC), Charlotte, NC   *March 2027*
Bachelor of Science in Computer Science | Concentration: Cyber Security
GPA: 3.33

TECHNICAL SKILLS

Languages: Bash Script, Python, Java
Networking & Security: Router Configuration, DNS, Network Security
Foundational Concepts: Object Oriented Programming
Proficiency: Git, Nix, Linux Administration

WORK EXPERIENCE

YMCA Lifeguard: Clayton, NC   *Jan 2021 – Aug 2023*
- Implemented YMCA policies responsible for lowering the amount of emergency incidents
- Responded to emergency incidents involving emergency services
- Enacted plans to keep the pool and operating area in compliance with state requrements

PROJECTS

Storage and Networking with Unraid   *Jan 2022 – Present*
- Established parity backed, network accessible storage
- Implemented tailscale and cloudflare to ensure uninterruptible access to hosted services
- Created reproducible programs through docker, complete with monitoring for uptime and latency

ITCS 1212   *Aug 2023 – Dec 2023*
- Developed python scripts with the ability to parse, mutate and analyze the contents of CSV files

STUDENT INVOLVEMENT

Computer Science Learning Community
Member   *Aug 2023 – Present*
49th Security Division – UNCC
Member   *Oct 2023 – Present*
Norm Robotics - UNCC
Member   *Aug 2023 – Present*

Honors

Eagle Scout (Troop 422)   *Jan 2021*