Robert Jack Helmer

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EDUCATION

University of North Carolina at Charlotte (UNCC), Charlotte, NC   *May 2023 – 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 and monitored 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
  • 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