

Moheeb Aljaroudi

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Computer Science senior with experience from department system administration, personal projects, competitions, and an on-campus cyber security organization seeking May 2022 new grad job opportunities. Technical interests include systems engineering, entry level back end developer, and cybersecurity.

EDUCATION

BS Computer Science & Engineering, Kansas State University - Manhattan, KS (expected May 2022)

- Selected coursework: Data and Program Structures, Object-Oriented Design, Calculus I/II/III, Engineering Physics, Discrete Mathematics, Introduction to Probability and Statistics, Database System Concepts, Software Architecture and Design, Enterprise System Administration, Concurrent Software Systems
- Certified Peer Educator, NASPA - The training includes eight modules, covering the role of peer education, helping peers make a behavior change, listening skills, response and referral skills, how to take action and intervene, recognizing the role of diversity and inclusivity, presentation skills, communication, self-care, and group dynamics.

JOB EXPERIENCE

Student System Administrator, Kansas State University - Manhattan, KS (May 2021 - present)

- Facilitated maintaining the Computer Science department network to ensure security of the infrastructure and accessibility by students and faculty.
- Set up lab rooms and 85 new devices to be used for department courses and students in the upcoming semester while maintaining the operating system of security vulnerabilities.
- Automated the installation and security configurations of operating systems, and optimized software installation process for the devices used by the department.
- Resolved students and faculty requests for setting up websites, running servers, and managing technical difficulties with servers and workstations.
- Installed and maintained log analytic tools for protecting the department network from security threats and vulnerabilities.

SKILLS

C#, C, Rust, Go, C++, HTML, JavaScript, CSS, Python, UNIX / Linux, Windows, Embedded Systems, Git, Github, MYSQL, PostgreSQL, DevOps, Cyber Security, Elasticsearch, Ansible, CI/CD, Object Oriented Programming, SOLID, AWS, Troubleshooting, Written Communication.

PROJECTS & COMPETITIONS

- **KSU Cyber Defense Club** (May 2019 - present)
 - Maintained private virtual network infrastructure to ensure security and performance of a network used by multiple university courses, faculty, and to host cybersecurity competitions. Assist students with account issues, implement network reliability tools, and serve as a board member.
 - Earned second place at 2019 CANSec Invitational red team/blue team competition at Iowa State University as a blue team member.
 - Earned second place at 2022 National CDC competition at Iowa State University as a blue team member
- **LibTTA-rs** - A Fast and Safe Audio Encoding/Decoding Library Ported to Rust, Originally Written in C.
- **TOSH** - A TOML-based Linux Shell Aimed for Automation and Simplicity Written in Rust.