Hondamir Umarov

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SUMMARY OF QUALIFICATIONS

A recent graduate of the University of Nebraska-Lincoln (UNL) with a Bachelor's Degree in Computer Science with a focus in Cybersecurity and a minor in Mathematics. Over two years of experience in software development, which covers the entire web application lifecycle, from creation to testing. Committed to synergize programming with cybersecurity proficiency to enhance digital security.

SKILLS

<u>Backend</u>: Java, C, C++, C#, JavaScript, Python
<u>Frontend</u>: TypeScript, React, BootStrap
<u>Database</u>: SQL, MySQL, ORM

<u>Scripting</u>: Unix, Shell Script, PowerShell, Bash, CLI
<u>OS</u>: Kali Linux, Ubuntu, MacOS, Windows 7+
<u>Cloud Computing</u>: AWS, Azure, Docker

PROFESSIONAL EXPERIENCE

University of Nebraska System, Lincoln, Nebraska   *JANUARY 2025 - PRESENT*
Learning Space Associate
- Installed and programmed AMX systems to support diverse A/V needs for campuses and partners
- Assisted professors in resolving real-time tech issues to support effective teaching
- Set up classroom technology and performed routine checks to meet institutional performance expectations.
- **Technologies/Solutions Utilized:** *AMX Programming, DVX, NetLinx, NetLinx Scripting*

MorganFranklin Consulting, Remote   *JUNE 2024 - AUGUST 2024*
Cybersecurity Intern
- Engaged in incident response addressing phishing attack and enhancing client's email security
- Participated in proactive threat hunting to identify and mitigate cybersecurity risks
- Performed Red Team operations, exfiltrating data to identify client's security vulnerabilities
- **Technologies/Solutions Utilized:** *Red Team, Incident Response, Thread Hunting, Azure, CrowdStrike, Splunk*

First National Bank of Omaha, Omaha, Nebraska   *MAY 2023 - AUGUST 2023*
QA Automation Engineer Intern
- Made API calls from Postman and Cypress with Cucumber to examine the functionality of debit cards' activation
- Coordinated and consulted a team in the creation and execution of over 3,000 test cases for the IVR
- Took part in the annual Disaster Recovery (DR) activity to ensure stable performance of all applications
- **Technologies/Solutions Utilized:** *Javascript, Python, Cucumber, Cypress, IVR, TestComplete, Swagger, Selenium*

Fiserv, Raikes School, Design Studio   *AUGUST 2022 – MAY 2023*
Software Engineering Intern
- Developed a system to help bank users control and securely access their accounts in 3rd-party applications
- Worked on the development of an intuitive and user-friendly UI/UX for the CyberTrust web service
- Designed and built descriptive wireframes using Figma to meet stakeholder's expectations
- **Technologies/Solutions Utilized:** TypeScript, React, Remix, Java, Spring Boot, Azure SQL

University of Nebraska-Lincoln, Lincoln, Nebraska   *AUGUST 2021 – MAY 2024*
Teaching Assistant
- Aided students with Java-related problems and facilitated finding bugs in students' code
- Guided students through Computer Science II challenges throughout the semester
- **Technologies/Solutions Utilized:** Java, OOP, MySQL, JDBC, Unix, Shell Script, JUnit testing

RELEVANT PROJECTS

CIA-Compliant Secure Communication Server   *MARCH 2024 – MAY 2024*
- Built a secure phone-to-IoT command server in Python, applying RSA encryption for phones and AES for IoT devices
- Established mutual authentication between Server and IoT devices through nonce exchange and hash verification
- Conducted security analysis with ProVerif to ensure communication resilience against potential attacks

OAuth 2.0 Web Security   *OCTOBER 2023 – DECEMBER 2023*
- Designed and implemented a small-scale website to showcase the functionality of the OAuth 2.0 system
- Provided a practical demonstration of secure user authentication and authorization processes
- Demonstrated proficiency in web development using Flask for routing and database integration with SQL Lite

EDUCATION AND CERTIFICATIONS

Certified in Cybersecurity (CC) by ISC2 | Certification ID: 2271168   *NOVEMBER 2024 - OCTOBER 2027*
University of Nebraska-Lincoln (UNL), Lincoln, Nebraska   *AUGUST 2020 - MAY 2024*
Bachelor of Science in Computer Science with a minor in Mathematics| GPA 3.7