Emir Ferzan

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Education

University of Nebraska-Lincoln, Lincoln, NE
Bachelor of Science in Computer Science, Minor in Psychology | May 2026
GPA: 3.9, Dean's List

Work Experience

University of Nebraska Cybersecurity Team, Lincoln, NE
Security Operations Center Intern, Dec 2024 – Present
- Monitor authentication logs and investigate suspicious activity using DUO Mobile, IP analysis, and security tools.
- Analyze phishing reports, classify threats, and assist in blocking malicious senders.
- Support threat hunting, incident response, and honeypot monitoring for detecting malicious activity.
- Utilize Splunk and Cortex XSIAM for security analysis and reporting.

NU – Information Technologies Services, Lincoln, NE
Information Technology Assistant, Jan 2023 – Dec 2024
- Provided technical support for software, hardware, and network troubleshooting across all universities in Nebraska.
- Managed tech inventory, including iPads, laptops, and chargers, ensuring efficient organization and asset tracking.
- Delivered excellent customer service, ensuring user satisfaction and improving response time.

Projects

Modernization of FarMarT Sales Subsystem
- Developed a database-driven sales tracking system, optimizing data integrity and efficiency.
- Implemented advanced reporting features for trend analysis and business intelligence.

Full-Stack Game Development – CSCE 361 Software Engineering Project
Team Project (6 members) Spring 2024
- Built a partial full-stack web application using React (front-end), C# ASP.NET (middleware), and Microsoft SQL Server (database). .
- Applied Agile (Scrum) methodologies, test-driven development (TDD), and SOLID design principles.
- Collaborated using Git for version control and managed workflow through ZenHub.

Involvement

Computing Student Advisory Board | Event Planner | Sep 2022 - Dec 2022
- Coordinated events for the University of Nebraska-Lincoln School of Computing, enhancing the learning experience for students across various computing disciplines.

Initialize | Creative Coding Member | Aug 2022 - Dec 2022
- Designed and taught a structured HTML/CSS curriculum for middle school students, fostering interest in coding.

Skills

Programming: C, C#, Java, Haskell, JavaScript, React, Node.js, Python, Unix/Linux, SQL, ASP.NET
Technical: Agile (Scrum), SOLID Principles, Cybersecurity, SIEM, Identity & Access Management (IAM), MFA, VPNs, Threat Analysis
Tools & Platforms: Git, Zen Hub, Splunk, Microsoft SQL Server
Languages: Fluent in Turkish & English