

Fidan Kelmendi

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EDUCATION

New York Institute of Technology - New York City Campus

New York, NY

Master of Science in Cybersecurity

Graduated December 2022

Relevant Coursework: Intrusion Detection & Hacker Exploitations, Topics in Computer Security, Computer Forensics, Cryptography, Principles of Information Security & Data Center Security.

Cumulative GPA: 3.83/4.0

New York Institute of Technology - New York City Campus

New York, NY

Bachelor of Science in Computer Science

Graduated December 2021

Relevant Coursework: Intro to Software Engineering, Programming Language Concepts, Senior Design Project, Advanced Network & Internet Security, Data Structures.

Awards: Presidential Honor List (Fall 2018-2020, Spring 2020-2021); Dean's Honor List (Spring 2019).

Cumulative GPA: 3.87/4.0

WORK EXPERIENCE

Haymarket Media

New York, NY

Web Producer | Full-Time

September 2024 – Present

- Built, tested, and scheduled cross-platform emails using HTML, CSS, and JavaScript, optimized for daily audiences of 400,000+.
- Collaborated with UX designers to develop responsive and accessible landing pages for all five company branches, implementing secure coding practices to protect user data.
- Designed and maintained automated website features, including HTML email templates and RSS feeds using XML.
- Managed multiple websites and supported new site launches, performing security audits to identify and resolve potential vulnerabilities.
- Resolved daily web and email ticket requests promptly, providing effective solutions for technical issues.

NEW YORK INSTITUTE OF TECHNOLOGY

New York, NY

New York Institute of Technology | Part-Time

February 2022 – December 2022

- Mentored students to enhance Java coding skills and understanding of programming concepts.
- Conducted personalized tutoring sessions and interactive coding exercises, resulting in significant improvements in students' coding proficiency and comprehension.

PROJECTS

DATA CENTER VIRTUAL NETWORK INFRASTRUCTURE

December 2022

- Designed and developed a secure virtual infrastructure for a small business using VirtualBox, including a firewall, database server, DMZ, and DNS server.
- Created internal networks for the DMZ and organization to ensure secure communication between infrastructure components.
- Enforced firewall rules to prevent unauthorized access and communication.
- Achieved a robust and secure virtual infrastructure, significantly reducing the risk of unauthorized access and potential security breaches.

MIRAI

December 2021

- Collaborated with a team of five and an advisor to define project goals and track progress for a secure, mobile-friendly wallet app.
- Built the web app using NodeJS, ReactJS, and MongoDB, supporting secure USD and cryptocurrency transfers.
- Implemented TLS for encrypted communication between client and server.
- Applied AES-256-GCM encryption for secure user transactions and wallet numbers.
- Utilized Blowfish hashing with a salt work factor of 10 to secure user passwords.
- Delivered a secure application, achieving project goals and enhancing user protection.

FREEIMPACT380

December 2021

- Collaborated with a team of five to develop a web app as an alternative to FreeRice.com, addressing global hunger and poverty.
- Designed a visually appealing frontend using ReactJS, ensuring user-friendliness.
- Employed agile scrum methodology for effective collaboration, problem-solving, and goal achievement.
- Led the creation of the technical report and final presentation, showcasing project success and team capabilities.
- Delivered a functional web app that met project goals, demonstrating the team's ability to tackle global issues through technology.

SKILLS

Programming Languages: HTML/CSS | MySQL | C++ | Javascript | Python | Java | React.js

Software & Tools: MacOS | Windows | Linux | Microsoft Office | BlueJ | Visual Studio Code | Wireshark | GnuPG | VirtualBox | TCP/IP Protocols | QRadar

Certifications: IBM Cybersecurity Analyst Professional Certificate