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

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 document progress for a secure, mobile-friendly wallet web application.
- Developed the web app using NodeJS, ReactJS, and MongoDB, enabling secure USD and cryptocurrency transfers.
- Implemented TLS website certification to ensure encrypted communication between client and server.
- Employed AES-256-GCM encryption for user cash funding and wallet numbers.
- Utilized Blowfish Hashing with a Salt Work factor of 10 to protect user passwords.
- Delivered a secure application, meeting all project goals and enhancing user security.

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.

WORK EXPERIENCE

NEW YORK INSTITUTE OF TECHNOLOGY   New York, NY
Graduate Teaching Assistant   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.
- Evaluated presentations and assignments, providing valuable feedback to students.
- Developed grading rubrics for comprehensive assessment of student progress.
- Cultivated a collaborative learning environment through effective communication.
- Organized study groups and participated in academic forums to enhance learning outcomes.
- Contributed to improved academic outcomes and student satisfaction by fostering a collaborative learning environment and facilitating significant improvements in students' coding proficiency and comprehension.

SKILLS

Programming Languages: HTML/CSS|MySQL|C++| Javascript|Python|Java|React.js
Software: MacOS|Windows|Linux|Microsoft Office|BlueJ|Visual Studio Code|Wireshark|GnuPG|VirtualBox
Certifications: IBM Cybersecurity Analyst Professional Certificate
Languages: Fluent in English, Albanian