Christopher-Neil Mendoza

210 North Evergreen Drive, Selden, NY 11784 | christopherqmendoza@gmail.com | (631) 384 – 6027
chrisnmendoza.github.io/website | github.com/chrisnmendoza | linkedin.com/in/christopherneilmendoza

EXPERIENCE

Technology Intern   Wilmington, DE
M&T Bank Corporation   June 2021 – August 2021
- Developed a C# application to migrate over 60 company databases to the cloud on Microsoft Azure SQL Database
- Utilized SQL queries and Microsoft Data Migration Assistant to document migration blockers in JSON format
- Practiced Agile sprints to develop and fulfill application requirements while maintaining clean and maintainable code

Teaching Assistant   Newark, DE
University of Delaware   February 2021 - May 2021
- Facilitated weekly lab sessions for 20-student group to review Object-Oriented Programming class material
- Engaged with students during office hours to improve their Java proficiency, answering any questions they may have
- Graded assignments, providing constructive criticism to help students learn from their mistakes

Process Safety Intern   Melville, NY
National Grid plc   July 2020 – August 2020
- Established data requirements for custom SQL queries to improve company's performance analysis capabilities
- Worked with the Pipeline Safety and Compliance team to develop safety protocols and best practices

ACTIVITIES/PROJECTS

Decentralized Vaccine Record Tracker   Wilmington, DE
M&T Bank Corporation   June 2021 – August 2021
- Collaborated with 3-person team in an App Development Contest to create a COVID-19 Vaccine Record tracker using blockchain technology, won first place in internship program
- Utilized the Truffle Suite framework to develop the web app, writing code in HTML, CSS, JavaScript, and Solidity

Undergraduate Researcher   Newark, DE
Vertically Integrated Projects at UD: Internet of Threats   September 2019 – May 2020
- Constructed a covert communications channel through a Bluetooth light bulb and an I2C sensor
- Designed a C program for transferring data through light bulb blinking patterns using Manchester Encoding

TECHNICAL SKILLS

- **Programming Languages**: C#, Java, Python, JavaScript, .NET Framework, HTML, CSS, Angular Framework, SQL, C, C++, MATLAB, Solidity, Truffle Suite Framework, Bash Scripting, PowerShell Scripting, VHDL, TypeScript, MIPS Assembly
- **Skillsets and Technology**: Agile Methodology, Firebase, GCP, GitLab CI/CD, Unit Testing, Node.js, Microsoft SQL Server

EDUCATION

University of Delaware   Newark, DE
College of Engineering; Master of Science   February 2021 - December 2022
Cyber Security with a concentration in Security Analytics
GPA: 4.0 for all classes that apply towards master's degree

University of Delaware   Newark, DE
College of Engineering-Honors; Bachelor of Science   August 2018 - June 2022
Major: Computer Engineering; Minors: Cyber Security, Computer Science
GPA: 3.9 making Dean's List every semester attended
Relevant Course Work: Data Structures, Operating Systems, Web Applications Security, Data Mining, Cloud Computing