Christopher-Neil Mendoza

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EXPERIENCE

Software Development Engineer Intern   Arlington, VA
Amazon Web Services   June 2022 – August 2022
- Revamped an internal-facing REST API to promote scalability and compatibility with future cross-team projects
- Consulted with the team and the API's customers to establish project scope, formalizing all plans through documentation
- Demonstrated the upgrades to over 35 project managers and engineers to obtain feedback and develop future plans

Software Developer Intern   Wilmington, DE
Berkley Technology Services   January 2022 – February 2022
- Leveraged automated UI testing services for company web applications, speeding up development time and productivity
- Developed Groovy scripts for over 20 actions that a customer would complete within the web application's UI
- Monitored the health of over 10 daily end-to-end UI tests and reached out to stakeholders to fix any issues that arose

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

PROJECTS

Malware Analysis Tool (M.A.T.)   Newark, DE
University of Delaware Capstone Design Program   September 2021 – May 2022
- Designed a cross-platform ML-driven application that analyzes executable files and determines if they are malicious
- Created the application's machine learning model in scikit-learn and WEKA to classify malware with a 97% success rate

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 application, writing code in HTML, CSS, JavaScript, and Solidity

TECHNICAL SKILLS

- **Programming Languages**: Java, C#, Python, JavaScript, HTML, CSS, C, C++, TypeScript, SQL, MATLAB, Solidity, Bash Scripting
- **Skillsets and Technologies**: Agile Methodology, Firebase, AWS Components: Lambda, EC2, VPC, SageMaker, GCP, GitLab CI/CD, MERN Stack (MongoDB, Express, React, Node), Angular, .NET, Microsoft SQL Server, WEKA, Truffle Suite, Unit Testing

EDUCATION

University of Delaware College of Engineering   Newark, DE
Master of Science: Cybersecurity with concentration in Security Analytics   February 2021 - December 2022
GPA: 3.9
Relevant Course Work: Secure Software Design, Data Search and Data Mining, Cloud Computing

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