Matthew D. Lee

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EDUCATION

CITY COLLEGE OF NEW YORK   **NEW YORK, NY 10031**
GROVE SCHOOL OF ENGINEERING
Candidate for Masters of Science in Cyber Security   **Fall 2021 - Present**
GPA: 3.5

UNIVERSITY OF DELAWARE   **NEWARK, DE 19716**
COLLEGE OF ENGINEERING
Bachelor of Science in Computer Information Systems   **2015 - 2019**
                                                                 Dean's List - SPR 2019

CODING AND PROJECT EXPERIENCE

- *Secure Cloud Computing Project* – In my final project I built a Google Docs clone application, packaged it into a container with Docker and deployed the application to the cloud with GCP. This included creating the design requirement document, implementing the cloud reliability requirements and security with two-factor authentication.

- *Computer Communication Networks*– My final project was to design and build a mesh topology network using network simulation software tools. Behavior and performance metrics of the simulated network were recorded for analysis as well as routing algorithms comparisons, appropriate link capacities and average link utilization.

- *Web Application* – completed self-study course in Full Stack Web development, created my own personal website and commissioned websites for others

- *Game Applications* - Designed, implemented, and tested several video games in Java, this included a children's video game based on client requirements, a poker game simulation and a 2D platformer game

- *Data Science Capstone Project for the Lerner Business School* – Worked with Lerner college to organize student data using Access database.

WORK EXPERIENCE

Con Edison   **AUG 2020 – OCT 2021**
QA Test Engineer Consultant (RTTS)
- QA testing of in-house suite of applications used by ConEdison. Involved manual, automation and API testing with DevOps integration for CI/CD
- Used ticket management system to open and close variances within the application

RTTS   **OCT 2019 – AUG 2020**
QA Test Engineer
- Wrote and executed test cases on Azure DevOps and Jira for QuerySurge: the SaaS application developed by RTTS for ETL testing.
- Validated functional and non-functional requirements in development cycles
- Architected an automation framework and automated functional tests using Selenium in Microsoft Visual Studio C#
- Used SQL techniques such as nested select statements and aggregate functions to display the desired output

ProHealth (TekSystems)   **JULY 2019 – OCT 2019**
IT Engineer
- Created scripts to filter and extract data from proprietary software records and transform the data records to accommodate Excel formatting.

INTERDIGITAL COMMUNICATIONS, LLC   **JUNE – AUGUST 2018**
Summer Intern
- Supported the testing and integration efforts for the development of prototype 5G Wireless technologies.
- Executed testing as per the test requirement document, evaluated results and helped determine root cause of failures.

TECHNICAL SKILLS

- **LANGUAGES:**   Java, C#, JavaScript, HTML, PHP, CSS, ARM assembly language, SQL, Python
- **SYSTEMS:**   Windows and Ubuntu
- **TOOLS:**   Azure DevOps, React JS, Node JS, Express, Jira, Postman, GitHub, MS Office, Google Cloud Platform, OPNET Network Simulator