Matthew D. Lee

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CAREER OBJECTIVE

Passionate and hands-on individual seeking an entry-level software position to utilize my programming skills and background in computer networks. My desire is to further your company goals and operation.

EDUCATION

UNIVERSITY OF DELAWARE   **NEWARK, DE 19716**
COLLEGE OF ENGINEERING
Bachelor of Science, Computer Information Systems   **Class of 2019**
GPA: 3.0   Major GPA: 3.4   **Dean's List - SPR 2019**

Coding & Project Experience

- ***Data Science Capstone Project for the Lerner Business School –*** Normalized unstructured data collected from EventBrite activities to store in an Access database, created a data dictionary to facilitate the retrieval of various data sets based on client data analysis requirements. Project life cycle included research, developing the proposal plan and implementing our methodology

- ***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

- ***Database Project -*** Used SQL Developer to connect to an Oracle database for updating, inserting and deleting records

- ***Web Application –*** completed self-study course in Full Stack Web development, created my own personal website.

RELATED EXPERIENCE

INTERDIGITAL COMMUNICATIONS, LLC   **JUNE – AUGUST 2018**
Summer Intern

- Designed schematics, repaired and operated Makerbot and CubePro 3D printing machines
    - Used Solidworks to design hardware and create .stl files for the 3D print job
- Participated in the testing and integration efforts for the development of 5G Wireless technology which included installing an updated Linux kernel and root filesystem on a FPGA platform
    - Linux installation using command line operations
    - Data testing and debugging across a wireless link using iperf tool
    - Wi-Fi testing and router configuration
- Participated in the research of emerging technologies and generated presentation slide material

TECHNICAL SKILLS

- **LANGUAGES:**   Python, Java, JavaScript, C++, HTML, PHP, CSS, ARM assembly language, R, SQL
- **SYSTEMS:**   Windows and Ubuntu
- **TOOLS:**   SharePoint, Jira, Eclipse IDE, SQL Server Management Studio (SSMS), ARM Simulator, GitHub Development Platform, MS Office, Word, Excel, PowerPoint, Visio and Access