

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
COLLEGE OF ENGINEERING
Bachelor of Science, Information Systems
GPA: 3.0 Major GPA: 3.3

NEWARK, DE 19716

Class of 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

RELATED EXPERIENCE

INTERDIGITAL COMMUNICATIONS, LLC
Summer Intern

JUNE – AUGUST 2018

- 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