Holland Emery

Software Developer

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About me

I am currently a Computer Science Senior at the University of Maryland, I have been programming for more than six years and enjoy writing code whenever I can. I have worked with many languages and programs to design and create solutions to problems and automate tasks
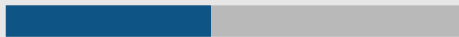
Skills

Java

C

Python

HTML CSS

OCaml

PHP

SQL

Ruby

JavaScript

Unix, Linux Terminal

Education

2017-	University of Maryland	Undergraduate

I am a Computer Science Senior with an expected graduation in spring 2021

Personal Projects

2016 — Fractals
This project created and displayed multiple fractals including the Mandelbrot, Koch Curve, and Dragon Curve

2017 — Maze Generator
I created a program that randomly generated a maze and then found the shortest path to the finish

2019 — NFL Draft Success
Uses Data Science techniques to analyze the correlation between draft position and success in the NFL

Work Experience

2020- — UPS
I am working for UPS on the back end development for their websevices

Hackithons

2018 — Hop-Hacks
At Hophacks I wrote server side python and helped create a website for a location based game

2018 — Hackital
During Hackital I wrote a Etherium smart contract that ran a Trivia game

2019 — UMDCTF
This was a one day CTF where I tested my security knowledge and abilities

Relevant Courses

2019 — Data Structures
Description, properties, and storage allocation functions of data structures

2019 — Data Science
An introduction to the end-to-end process of going from unstructured data to knowledge and actionable insights

2019 — Algorithms
The creation and analysis of algorithms

2020 — Computer and Network Security
Learning and using exploits to design secure software

2020 — Machine Learning
Understanding and creating machine learning algorithms

2020 — Concurrency
The design and development of concurrent programs and distributed systems

2020 — Computer Networks
The principles of networks and the implementation of these principles to the Internet