Holland Emery

Software Developer



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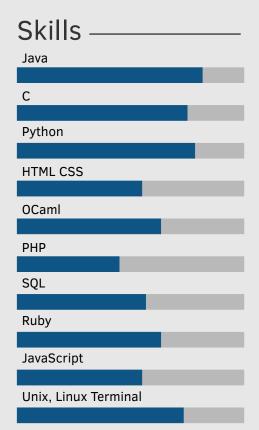
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About me —

I am currently a Junior Computer Science student at the University of Maryland, I have been programming for six years and enjoy writing code whenever I can.



Education

2017- University of Maryland Undergraduate
Junior Computer Science student expected to graduate
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

2018 Blockchain Trivia

Created during Hackital, a Etherium smart contract Hackithon, this is a trivia game written in solidity

2018 Location Based Game

During Hop-Hacks a Hackithon hosted by Johns Hopkins I wrote server side python for a location based puzzle app

2019 NFL Draft Success

Uses Data Science techniques to analyze how the success of every player in the NFL correlates to the position that they were selected in the draft.

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 an Etherium smart contact with

friends, it was a Trivia game written in Solidity

2019 UMDCTF

This was a one day CTF. It was really enjoyable and I am

planning to attend as many CTF's as I can

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

2019 Organization of Programming Languages

The study of programming languages, including their syn-

tax, semantics, and implementation.

2018 Object Oriented Programming I & II

Emphasizes understanding and implementation of appli-

cations using object-oriented techniques