Peter Chun

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EDUCATION

University of Maryland, College Park | Bachelor of Science in Computer Science   Expected May 2022
- GPA: 3.96/4.0
- Science Technology and Society Scholars Program
- Relevant Courses: Object-Oriented Programming 1 & 2, Intro to Computer Systems, Discrete Structures

EXPERIENCES

Undergraduate Research Assistant   June 2019 - Aug 2019

The Fischell Department of Bioengineering | College Park, MD
- Worked under the guidance of Dr. Bruk Berhane to investigate qualitative data to identify key factors that shape the transfer process of ethnically and culturally diverse Black students
- Developed a full-stack web application with Python & Flask to be used in the data analysis process that organizes and displays comments from a Google Docs file based on a fuzzy string matcher

PROGRAMMING PROJECTS

TerpV'U - Hackathon Project - Awarded Top 10 Finalist (out of 44 submissions)   Sept 2019

HopHacks 2019 | Baltimore City, MD
- Lead a group of 4, to create a web application and hardware tool to analyze cell phone usage in public environments (lecture halls, auditoriums, etc.)
- Modified a web camera to only pass through infrared light to decrease background noise
- Programmed and implemented the OpenCV script with the Flask framework and designed the front-end with Bootstrap

MotivateMe - Hackathon Project   April 2019

BitCamp 2019 | College Park, MD
- In a group of 4, brainstormed a solution to combat mental health issues by creating a web platform for individuals to share positive posts and lessons
- Using Ruby on Rails, programmed the backend user authentication, follower/following relationships, and content management, as well as designed various pages using Bootstrap

Testudo Course Bot   Nov 2018 - Jan 2019

Personal Project
- Programmed a Python3 bot that notifies the user through GroupMe when there are changes to the number of seats for a course or when new sections are added
- Utilized Python3, bs4, and Selenium to write the backend functionalities of the program

EXTRACURRICULAR ACTIVITIES

Quantitative Financing Development   Oct 2018 - Jan 2019

College Park Student Investment Group | College Park, MD
- Collaborated in a group of 12 to research, brainstorm, and prototype a functional quantitative financing bot to buy/sell stocks based on key technical indicators.
- Programmed a selenium Python script to execute buy and/or sell orders on a paper trading website

SKILLS

Java, Python, C, Ruby on Rails, Flask, Git, Matlab, Bootstrap, Google Cloud Computing, GatsbyJS, OpenCV