Peter Chun

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EDUCATION

University of Maryland, College Park | Bachelor of Science in Computer Science Expected May 2022

- Science Technology and Society Scholars Program
- Relevant Courses: Algorithms, Organization of Programming Languages, Discrete Structures, Intro to Computer Systems, Object-Oriented Programming 1 & 2

EXPERIENCES

Lockheed Martin - Internship June 2020 - Aug 2020

DNS/DHCP/IPAM(DDI) Team | Rockville, MD

- Developed a Python script to automate the process of blocking domains from the company's internal network. The script completed the task an estimated 175% faster than the previous implementation.
- Worked to debug and test the launch of an AWS cloud application for the DNS automation team
- Organized and instructed Python programming courses for members of the team
- Configured DNS & DHCP related scenarios

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

EXTRACURRICULAR ACTIVITIES

JDP Capital LLC & Prime Indicators Jun 2020 - Current

Investment Fund & Trading Group | College Park, MD

- Pooled $12,000 to create a 3-person investment fund to capitalize on the stock market
- Launched a trading group, Prime Indicators, that provides investment advice and strategies to our subscribers
- Developing a website for Prime Indicators utilizing Next.js
- Designing logos and promotional material for the trading group

Electric Bike Competition May 2019 - Nov 2019

A. James Clark School of Engineering | College Park, MD

- Collaborated in a group of 6 to research, brainstorm, and prototype an electric bicycle that ranged 125 miles
- Utilized a reed switch and an Arduino to measure and calculate the speed and distance traveled for the bike

SKILLS

Java, Python, C, Ruby on Rails, Flask, NextJS, AWS, Google Cloud, GatsbyJS, OpenCV, Adobe Illustrator