Peter Chun

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EDUCATION

University of Maryland, College Park - GPA: 3.7   Expected May 2022

Bachelor of Science in Computer Science | Science Technology and Society Scholars Program

- Relevant Courses: Algorithms, Organization of Programming Languages, Discrete Structures, 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

Bugged Room Prank Messenger   Aug 2020 - Current

- In a team of 2, building a program that transcribes and analyzes voice recordings from the prankster's iPhone to then send the people in the room eerily relevant text messages
- Utilized: Tensorflow, Google Speech-to-Text, Selenium, Python

Trading Orders Discord Bot   Sept 2020

- Built a Python Discord bot hosted on AWS that connects to a TD Ameritrade account and posts newly fulfilled trading orders automatically to a text channel
- Utilized: Python, AWS, Discord API, TD-Ameritrade API

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

- Lead a team of 4, to create a web application and hardware tool to analyze cell phone usage in public environments (lecture halls, auditoriums, etc.)
- Utilized: OpenCV, Python, Flask, HTML, Bootstrap, CSS

MotivateMe - BitCamp hackathon   April 2019

- In a team of 4, brainstormed a solution to combat mental health issues by creating a web platform for individuals to share positive posts and lessons
- Utilized: Ruby on Rails, Heroku, HTML, CSS, SQL database

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 US stock market
- Launched a trading group, Prime Indicators, that provides investment advice and strategies to subscribers
- Developing a website for Prime Indicators utilizing Next.js, Javascript & Adobe Illustrator

Electric Bike Competition   May 2019 - Nov 2019

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

- Collaborated in a team 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