

Dylan Nguyen

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Education

Montgomery College, Rockville

Associate of Arts in Computer Science

Graduated May 2020

GPA: 3.58

- Board of Trustees Scholarship 2018 - 2020
- The Frank L. Verwiebe, Computer Science Department Award 2020

University of Maryland, College Park

Bachelor of Science in Computer Science

Expected May 2022

GPA: 4.0

Technical Skills & Technology

Java
Python
Ruby
HTML/CSS/Javascript
C/C++
Git/Github, Eclipse, Visual Studio Code, Pycharm,
XRY Kiosk, Autopsy 4.0

Courses Taken

Object-Oriented Programming
Linear Algebra
Discrete Structures
Introductions to Computer Systems
Organization of Programming Languages*

*Currently Taking Course

Work Experience

NIST Computer Forensics Research Intern, Gaithersburg MD

January 2020 - May 2020

- Tested and recorded data extracted from mobile device data extraction tools such as XRY Kiosk, gaining hands-on experience with examining Apple, Android, and feature phones.
- Started a new remote project that involved file carving binary files of different Android phone models using Autopsy 4.0, an open source forensic tool.
- Researched how to speed up the analysis process by deducting large portions of native files when looking for a particular audio, graphic, or video file.
- Created Python scripts that retrieved and matched different MD5 and SHA1 hashes of native files carved from the binary files.

Extracurriculars/Organizations

Raptors Who Code Club President, Montgomery College

Spring 2020

- Lead students on building their portfolios through attending hackathons, connecting with other students, and providing a positive, friendly environment to help any student learn about programming.
- Coordinated an online Zoom guest speaking event, bringing in a Software Architect to speak on how to apply and get hired internships.
- Event garnered over 75 participants across Montgomery College's campuses, winning Rockville Student Life Club of the Week award.

Personal Projects

Discord Multipurpose Bot/Coronavirus Data Scraper

Summer 2019 - Present

- Programmed a Discord bot that notifies and executes miscellaneous commands to enhance user activity using Python.
- Bot web-scrapes a website that provides worldwide coronavirus statistics through a series of user commands. using tools from the BeautifulSoup4 library.
- Bot generates bar graphs that displays total confirmed and death cases from the top 5 countries with the most coronavirus cases using Matplotlib.