

O. Diane Vinson

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EDUCATION

University of Delaware

Honors Computer Science, BS | Concentration in Cybersecurity

Minors in Mathematics, Cybersecurity, and Legal Studies

Cumulative GPA: 4.00

Dean's List: Fall 2018 through Fall 2020

Recipient of UD Trustee Scholarship, an academic merit scholarship awarded yearly

Grace Hopper Celebration 2020 Attendee

Newark, DE

Expected Graduation: May 2022

EXPERIENCE

University of Delaware

Teacher's Assistant/ Lab Assistant

Newark, DE

August 2020 – Present

- Assist Professor Terry Harvey with his Software Engineering class by moderating multiple lab sections, grading assignments, and hosting weekly office hours to help students with their Java assignments and Eclipse IDE setup
- Help students with C, Bash, and Raspberry Pi setup during weekly Intro to Systems Programming labs

Prudential Financial

Summer Intern

Newark, NJ

June 2020 – August 2020

- Shadowed the Vulnerability Management team to learn how the company's on-premise and cloud based machines are scanned, how remediation holds are processed, and how internal policies are created and enforced
- Worked with team members to review and rate the criticality of vulnerabilities found on the scanned machines

University of Delaware

Undergraduate Researcher and Developer

Newark, DE

June – August 2019, January – February 2020

- Wrote and refactored code in HTML, CSS, and JavaScript to develop the front end of a network simulation platform used by University professors to teach students attack and defense skills
- Used Agile development to determine which new features to add and divide them among team members

Purebread Deli

Waitstaff

Greenville, DE

June 2017 – August 2019

- Took meal orders, ran cash register, served food and drinks, cleaned the dining room, and trained new staff
- Received "Leader of the Pack" award for July 2017

SKILLS AND SOFTWARE

- Proficiency in Java, C, C++, HTML/CSS, Git/GitHub
- Experience with JavaScript, Microsoft Office, Nessus, Kali Linux, Bash, Wireshark, Splunk, Qualys

ACTIVITIES

Computer Science + Social Good, University of Delaware Chapter

Vice President

Newark, DE

August 2019 - Present

- Plan educational lessons for general body meetings and events for the Computer Science department, such as panels with professors and social events for incoming students
- Volunteered in the computer science class at Elkton Middle School each week by helping students with their Scratch based coding projects and answering questions
- Developed the curriculum for and ran a computer science after-school program at Gateway Labs School

VIP Cloud Crypto Research Team at UD

Cyber Audit Performer

Newark, DE

September 2018 - Present

- Perform free cyber audits for businesses by using Nessus, Nmap, Wireshark, and doing physical walkthroughs
- Call businesses to develop clients and arranged times for our team to travel to the businesses
- Deliver comprehensive reports to clients on the vulnerabilities that were found during the audits and suggested possible solutions

Cybersecurity Scholars and Fellows Program at UD

Community Outreach Circle Lead

Newark, DE

September 2018 - Present

- Work with a team to organize an annual Small Business Cybersecurity Workshop, for which speakers are invited to talk about cybersecurity threats, insurance, and more to small business owners
- Discover and correspond with speakers and circulate promotional material
- Schedule and facilitate meetings with the Community Outreach team to prepare for the workshop