BRANDI DURHAM

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OBJECTIVE

Skilled and well-organized third-year computer science student at CofC. Eagar to secure an internship where I can broaden my knowledge and experience in the field while also bringing value to the company.

EXPERIENCE

Medical University of South Carolina | Charleston, SC

Information Security Office Intern | January 2018 - Present

- Vulnerability Management: Performed scans on the network to find end of life assets or assets vulnerable to exploits.
- Risk and Compliance: Mitigated company risk by performing risk assessment for different applications.
- Incident Response: Mitigated risk by sinkholing domains associated with phishing campaigns.
- Increased Mac laptop encryption compliance from 60% to 86%.
- Worked with other interns to create a script in Python to analyze metrics on our FireEye HX tool.

EDUCATION

College of Charleston   Charleston, SC, USA

Bachelor of Science, Computer Science, GPA: 3.522   August 2016 – May 2020

- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Software Architecture & Design, Software Engineering, Computer and Network Security, Web Design

TECHNICAL SKILLS

- Languages: Python, Java, HTML, CSS, C, Bash
- Other: Object-Oriented Programming, Command Line, Version Control (Git)

PROJECTS

Election Software Application

- Used Java, JavaFX, MySQL, SceneBuilder, and Git to implement project and JUnit for automated testing. Implemented MVC, GRASP and GoF design patterns. Worked in group of 3 to plan, design, and create application.

Web Design Semester Project

- Utilized HTML/CSS to design and code a website that gathers resources on colleges in South Carolina with computer science degrees.

Automated Testing Framework

- Worked in a group of 4 to implement an automated testing of Neovim, a command line text editor, using Python, Bash, Git, and an Ubuntu VM.

Charleston Floods Hackathon

- Developed a website, with a group of four, that displays resources for residents of Charleston in the event of a flood.

Site Searching Spider

- Worked with another student to develop a Python script that implements multithreading, semaphores, and signal handlers in order to search a website for an email address, phone number or a list of all emails the site.