

BRADLEY CHIPPI

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EDUCATION

Saginaw Valley State University Saginaw, MI
MS Computer Science and Information Systems *GPA: 3.9* May 2018 - May 2019

Saginaw Valley State University Saginaw, MI
BS Computer Science *GPA: 3.6* Sep 2014 - May 2018

WORK EXPERIENCE

The Dow Chemical Company Midland, MI
Cyber Security Operations Automation Specialist June 2018 - Present

- Deploy a solution to track the progress of security incidents from analysis to recovery.
- Build a process where the SOC can dynamically create use cases.
- Lead the direction towards DevSecOps for modern software engineering at the company.
- Turn security operation procedures into self-service and fully autonomous jobs.

The Dow Chemical Company Midland, MI
Cyber Security Intern May 2017 - May 2017

- Build threat prevention and network health dashboards with Pygal and Power BI.
- Create a web application that manages black/white listing for the company's corporate firewalls.
- Setup Juniper firewall development lab, configured policy groups and threat prevention policies.
- Setup logging, SSL Inspection, and connected to advanced threat prevention feeds.
- Automated tracking of potential cyber security threats on social media using bots.

The Dow Chemical Company Midland, MI
Systems Developer September 2014 - May 2018

- Manage custom scripts for extensibility of Microsoft SharePoint sites using JavaScript.
- Create autonomous scripts to ease and eliminate workloads using PowerShell.
- Design data visualizations that showcased Dow manufacturing using company BI tool.

SKILLS

Programming Languages: Python, PowerShell, JavaScript, Java
Libraries and Frameworks: Pandas, Turicreate, Flask, Express, React.js, jQuery, Node.js, Bootstrap
Databases: MS SQL, MongoDB, Firebase, ServiceNow CMDB
Operating Systems: Mac, Linux (Ubuntu / CentOS), Windows / Windows Server
Applications / Platforms: MS Office, Visio, Power BI, VS Code, Postman, IntelliJ IDEA, Git, Docker
Platforms: Azure, ServiceNow, Rundeck

PROJECTS

Binary Feature Extraction and Static Malware Classification *Python, Machine Learning*
Performing binary data extraction and define features that will contribute towards classifying if a file is malicious or not.

AWARDS

Best DevOps Hack & Best Use of Dynatrace GrizzHacks 3
Fall 2018

Most Innovative & Best Use of Google Tech Dow's Digital Marketing Center
October 2018

Voice of the Community SpartaHacks IV
January 2018

Overall 2nd Place & Best Hack Related to Finance GrizzHacks 2
October 2018