

Grant Thomas

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Portfolio: github.com/Grantgthomas.github.io

SOFTWARE EXPERIENCE

Programming Languages: Java, Javascript, Python, Golang, C#, C, SQL, MongoDB, Powershell, HTML, CSS

Developer Tools: Git, Docker, AWS ECS, VS Code, Postman

Frameworks & Libraries: Selenium, Gin, REST, ASP.NET, React

Security Tools: Kali Linux, Tenable Nessus, VMWare Workstation, Oracle VirtualBox, OneTrust

PROJECTS

Workday Job Application Bot | *Python, Selenium, Javascript*

- Leveraged Python's selenium library to automate workday job applications
- Developed an algorithm which interprets and answers questions on Workday job applications based on pre-defined user answers
- Implemented a custom JSON data structure that stores user data and answers to potential job application questions

Parking RPA App | *Golang, Python, Docker, SQLite, Selenium*

- Using Python, developed a script to automatically register and notify users via email for a parking spot
- Implemented a Golang command and control API to manage the automation process and update the database for the application
- Created a Docker container in order to host the application

Budgeting Web App | *Golang, Gin, HTML, CSS, MongoDB*

- Developed a full stack web application with the Gin framework to help users plan their budget
- Developed a MongoDB database in order to store user data from the application
- Deployed and hosted the app using Docker

PROFESSIONAL EXPERIENCE

Senior Cybersecurity Consultant

Crowe LLP

Aug. 2020 – Present

Dallas, TX

- **Password Categorization Web App** - Provided technical and development support for a Golang-based application that automates the process of identifying weak passwords extracted from Active Directory in order to streamline the process of performing a cybersecurity assessment.
- **Ssh Key Generator** - Created a web application in ASP.NET which could authenticate to Active Directory and generate and assign SSH keys in order to facilitate the process of users connecting to remote machines.
- **Penetration Testing** - Participated in multiple internal and external penetration assessments in order to locate security vulnerabilities in a client's network and determine the best course for remediation.

Fraud Analyst

Dell EMC

Jan. 2018 – Jan. 2019

West Lafayette, IN

- **Fraud Analysis** - Performed in-depth analysis of fraudulent websites to determine hosting information, presence of malware, and compromised credentials.

EDUCATION

Purdue University

B.S. in Cybersecurity

Aug. 2016 – May 2020

West Lafayette, IN