Zachary J. Gorman

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EDUCATION

Iowa State University – Bachelor of Science in Computer Science, Expected May 2020
University of Illinois Urbana-Champaign – Pursued B.S. in Consumer Economics and Finance with minor in Computer Science

PROFESSIONAL EXPERIENCE

Security Engineer, Internship, Procter & Gamble, Cincinnati, OH   5/19 – 8/19

Obtained AWS certification, and automated security remediation across P&G's AWS, Azure, and GCP environments using Capital One's cloud compliance tool Cloud Custodian.

- Defined custom Cloud Custodian policies to detect, and automatically remediate security concerns across cloud environments
- Leveraged Jenkins and AWS Fargate to build a CI/CD pipeline for the Cloud Custodian implementation
- Created in-depth documentation regarding how the project was created, and how it can be maintained long-term

Full-Stack Developer; Contract, Bit Capital Group, LLC, Wenatchee, WA   8/18 – 6/19

Architected and designed a web application to control, monitor, and automate daily cryptocurrency mining activities.

- Created project proposal and contract outlining cost, scope, and timeframe
- Utilized the Python Flask framework to develop a backend to interact with outside APIs, automate restarts, shut downs, and updates
- Implemented dynamic front end that features sophisticated commands and data visualizations

Security Architect/Engineer, Internship, Procter & Gamble, Cincinnati, OH   5/18 – 8/18

Contributed to the design, development, and implementation of security focused solutions.

- Automated service requests from ServiceNow to PingFederate, reducing request lifetime from 4 weeks to 3 days
- Worked with the Ethical Hacking team to learn industry tools/processes, including performing mock penetration tests on custom environments
- Utilized the Hugo framework to create a website displaying documentation and walk-throughs, allowing easy emulation of completed work to automate service requests from ServiceNow to additional services

PROFESSIONAL SKILLS & CERTIFICATIONS

Certifications: AWS Certified Solutions Architect - Associate

Programming Languages:

Fluent in: HTML5/CSS, Java, Markdown, Python
Familiar with: Angular, Bash, C++, Clojure, JavaScript, SQL

Frameworks, Technologies, and Environments:

Hugo, Spring Boot, Cloud Custodian, Git, Jenkins, Maven, ServiceNow, Windows, MacOS, Ubuntu, Kali Linux