

Zachary J. Gorman

34 W 6th St • Cincinnati, OH 45202 • (224) 402-4263 • gorman.zacharyj@gmail.com 📍 ZachAttackMLR

EDUCATION

Iowa State University
B.S. in Computer Science

Ames, IA
May 2020

PROFESSIONAL EXPERIENCE

Junior Penetration Tester, Procter & Gamble, Cincinnati, OH 10/21 – Present

- Worked with internal customers to conduct WebApp and Cloud Infrastructure penetration tests using industry standard tools/methodologies
- Communicated vulnerability findings and potential remediation steps to developers and managers
- Contributed to internal PenTest tool by automating report generation utilizing LaTeX, Docker, and AWS ECS/Lambda/DynamoDB
- Began studying for CISSP and OSCP certifications

Cloud Automation Engineer, Procter & Gamble, Cincinnati, OH 6/20 – 10/21

- Used a GitOps approach with Terraform, Terragrunt, and GitHub Actions (CI/CD) to automate AWS Organization management to provide secure, ad hoc, creation, modification, and destruction of AWS Accounts, Organizational Units, and SSO Groups/Permission Sets
- Created custom GitHub actions utilizing Node.js to parse GitHub Issues (Markdown) to auto-generate Pull Requests
- Wrote custom Azure and Lambda functions (Python, PowerShell) to support automation of Cloud Operations efforts
- Automated notifications to owners of non-compliant cloud resources using Cloud Custodian and AWS SES/Lambda
- Built backend for a custom HR application using AWS Lambda/Step Functions/DynamoDB, Python, and React.js
- Led internal “office hours” to teach employees how to get started with Serverless technologies

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

- 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

Full-Stack Developer; Contract, Bit Capital Group, LLC, Wenatchee, WA 8/18 – 5/19

- Created project proposal and contract outlining cost, scope, and timeframe
- Used (Python) Flask to develop a backend to interact with external APIs, and automate restarts/shutdowns/updates

PROFESSIONAL SKILLS & CERTIFICATIONS

Certifications: AWS Certified Solutions Architect – Associate, ITIL 4 Foundation

Languages: Python, C/C++, JavaScript, HTML/CSS, SQL, Bash, PowerShell, HCL, Markdown, YAML

Tools / Technologies: AWS, Azure, Git, GitHub Actions, Burp Suite, gobuster, nmap, Hydra, WireShark, Windows, MacOS, Linux, Cloud Custodian, Terraform, Terragrunt, Serverless Framework