

## Experience

### Privacy Engineer

Comcast | 2023 - Present

- Engineered tools, technologies, and processes to integrate privacy into Comcast's products and services
- Lead Privacy Impact Assessment (PIA) validation efforts across all business units, enhancing privacy impact evaluations and achieving a 200% increase in validated PIAs through the introduction of a new privacy impact framework.
- Developed privacy engineering patterns based on Privacy by Design (PbD) principles and privacy design strategies, providing engineering teams with solutions to common privacy challenges throughout the development lifecycle.
- Worked with privacy counsel to translate legal guidance into practical and actionable privacy guidelines for product development
- Executed comprehensive privacy assessments to identify and mitigate privacy risks in our products, infrastructure and services
- Conducted implementation reviews to assess the effectiveness of privacy controls within product architecture and design
- Provided product teams and other stakeholders with guidance on our Privacy Development Lifecycle (PDL)

### Cloud Security Engineer

Capital Group | 2021 - 2023

- Designed, implemented, and operationalized robust cloud security measures utilizing both in-house and 3<sup>rd</sup> party solutions
- Authored over 50 detailed runbooks establishing cloud security requirements (e.g., IAM, Public Access, Encryption) and provided comprehensive remediation guidance for detection and prevention controls
- Engineered and deployed more than 100 detective controls using CSPMs, OPA, and Python to identify misconfigurations and vulnerabilities within our cloud infrastructure, leading to the discovery of over 3,200 actionable security findings.
- Developed preventative controls through policy-as-code guardrails, ensuring compliance at build and runtime to protect development teams from potential production misconfigurations.
- Analyzed data to build metrics reporting that enhanced visibility into cloud security posture, facilitating risk prioritization

### IAM Governance Intern

CME Group | 2020

- Governed and applied automated, reliable and available IAM solution
- Delivered IAM systems that enhanced security and compliance standards across the organization
- Performed access reviews to ensure adherence to least privilege, introducing automation that reduced review time by 15%.

### Security Assurance and Advisory Intern

Ensono | 2019

- Worked with the Security Governance team to help identify and mitigate risk
- Launched third-party risk assessments for over 1,000 vendors, service providers, and partners
- Performed RiskVision Configuration/testing to automate and streamline the auditing process

### Software Development Intern

Reactant | 2018

- Designed and built a kiosk platform tailored for university campuses, optimizing user interactions, campus operations and safety.
- Architected front-end systems using React and Python, delivering a robust and dynamic user interface.

## Technical Skills

- **Cloud:** AWS, Azure, GCP, Docker, Kubernetes, Infrastructure-as-Code (IaC), Cloud Architecture
- **Cloud Security:** AWS Config, Azure Policy, Rego, CSPM, CIEM, DSPM, Detective Controls, Preventative Controls
- **Development:** Python, JavaScript, Terraform, Cloud Orchestration, CI/CD, Automation, DevOps
- **Security Engineering:** Network Security, Vulnerability Management, IAM, Data Protection, Privacy Engineering/Ops
- **Data Analytics:** SQL, NOSQL, Data Metrics/Analytics, Data Visualization
- **Governance:** NIST, GDPR, HIPAA, CCPA, Risk Management/Mitigation

## Education

Illinois Institute of Technology - Bachelors of Science in Information Technology, Specialized in Cyber Security