

SHYNICE YOUMANS

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Professional Summary

Software Engineering graduate with hands-on experience in privacy engineering and cloud security through co-ops at **Comcast Cybersecurity** and **NBME**. Skilled in AWS Lambda, security testing, and Jira/CodePipeline integration. AWS Cloud Practitioner certified; pursuing Solutions Architect Associate.

Education

Drexel University

Bachelor of Science in Software Engineering; Minor: Biology

– Drexel Liberty Scholarship – Full-Tuition Merit Scholarship recipient.

Graduated Sept. 2025

Philadelphia, PA

Certifications & Professional Development

AWS Certified Cloud Practitioner | *Amazon Web Services* | *Verify Certificate*

April 2026

AWS Certified Solutions Architect – Associate (SAA-C03) | *In Progress – Expected June 2026*

– Studying AWS architecture fundamentals including IAM least-privilege, VPC design, and threat detection via GuardDuty.

Experience

Comcast (Cybersecurity Division)

Privacy & Data Protection Engineer - Co-op

April 2024 – Sept. 2024

Philadelphia, PA

- Contributed to an enterprise de-identification risk engine used to classify and mitigate PII/PHI exposure, learning to apply data classification techniques in a regulated cloud environment
- Significantly expanded automated test coverage on AWS Lambda functions supporting the de-identification risk engine, improving code reliability
- Assisted with deployment of AWS Lambda tools that automated PII/PHI scanning within data pipelines, supporting the team's privacy compliance workflows
- Participated in monthly cybersecurity compliance reviews, tracking failed control checkpoints in Jira and collaborating with cross-functional teams to support remediation efforts
- Co-designed a personal security alert concept integrated with Xfinity Home as part of a senior capstone team, presenting the prototype concept to Comcast senior leadership

National Board of Medical Examiners (NBME)

System Administrator - Co-op

April 2023 – Sept. 2023

Philadelphia, PA

- Assisted senior DevOps lead with integrating Jira Cloud and **AWS CodePipeline/CodeBuild**, supporting traceability between Jira tickets and AWS-based code deployment workflows
- Modified Jira workflows using **JMWE and Nunjucks** templating to add automated logging of ticket activity (open, in-progress, exit) and enforce custom access rules
- Authored **Bash scripts** to support audit workflows, including permission/access checks across AWS and Jira, deployment log capture from CodePipeline, and periodic ticket activity reports

Projects

Profit Quest | *Java, Spring Boot, React, PostgreSQL* | [profitquest.app](#) | [Team Page](#)

Sept. 2024 – June 2025

– Built a full-stack investment platform with REST APIs for real-time portfolio tracking and trade processing

Technical Skills

Cloud & DevOps: AWS (EC2, S3, VPC, IAM, Lambda), Docker (introductory), CI/CD (CodePipeline/CodeBuild), Git, Linux/Unix

Security & Compliance: PII/PHI De-identification, Privacy Threat Modeling (xCompass, NIST Privacy Risk Methodology), Compliance Reviews

Frameworks & Libraries: Spring Boot, React, REST APIs

Databases: PostgreSQL

Languages: Java, Python, JavaScript, TypeScript, SQL, Bash

Testing & Tools: JUnit, Selenium, Jira, Postman