Axel Carmelo Alvarez

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# Education

**Texas Tech University, Edward Whitacre College of Engineering** Lubbock, TX

*Bachelor of Science, in Computer Science*

* Minor in Mathematics
* President & Deans Honors List Recipient
* CompTIA Security+

**Professional Experience**

# Army Software Factory, Austin, TX October 2023 - Present

*Application Security Engineer*

* Collaborated with developer teams to ensure the consistent integration of security best practices, guidelines, and standards through assisted vulnerability remediation, code, and stig reviews
* Automated manual and repeatable tasks in Gitlab using Python and Bash which increased the speed of security validation and directly supported team ability to achieve continuous integration and continuous deployment.
* Implemented a suite of security tools such as Trivy, to aid in finding vulnerabilities in code dependencies as well as containerized applications.
* Conducted Manual and Automated Application Security Testing through code review, STIG audits, and tooling such as Burp Suite and OWASP Zap.
* Assisted in creating dashboards and alerting in AWS cloud environments to improve visibility and monitoring of key development and production enclave systems.

# iCode Specialty School, Sugarland, TX June 2023 - October 2023

*Programming Teacher*

* Taught 5 classes on highly sought out topics and languages such as Java, Python, and JavaScript by coordinating lesson plans and hands-on activities on a daily basis.
* Enabled over 40 students to break into the world of technology by teaching them unique problem solving skills using robotics and hardware kits.

**Core Competencies**

* Git
* Gitlab
* CI/CD
* Pipelines
* SAST, DAST
* Application Security Testing
* DevSecOps
* Linux, Unix
* AWS Cloud
* Burp Suite
* Automation

# Programming Languages

* Java
* GraphQL
* C / C++
* TypeScript
* YAML
* BASH
* PowerShell
* Python