

# Alex Endacott

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github.com/alex-endacott

## EXPERIENCE

### Security Engineer – SailPoint, Austin, TX

APRIL 2019 - Present

- Built a Security Orchestration, Automation and Response service that periodically retrieves thousands of security alerts from tools like Contrast and Veracode, performs de-duplication and data-normalization on all incoming payloads, filters for high severity alerts, and automatically creates Jira issues on a customized board assigned to the appropriate team architect. The service also crawls Jira for all linked issues and subtasks to find changes in status and uses 2-way integrations to change the status of the alert in the tool that originally reported it.
- Developed services for automating security jobs by working with the Threat Stack API to retrieve compliance violations and suspicious network activity alerts. Compliance issues are checked against the currently logged issues and unique items are added to a live Smartsheet via HTTP request. Suspicious network activity is sent by HTTP request to a private Slack channel for security managers and architects to respond to.

### Applications Developer – Grunt Style, San Antonio, TX

MARCH 2018 - NOV 2018

- Developed iOS and Android mobile apps utilizing React Native for Grunt Style's 10,000 users, which, based on user health data such as weight, body fat percentage, and fitness goals, creates individualized health plans and actionable advice including exercises, fitness challenges, and meal plans.
- Developed backend of Product Matrix application, displaying live inventory and sales statistics data of all 500+ products sold, displayed on an interactive 23 foot touch-screen surface on the first floor of the company headquarters.

### Software Engineer – Tier44 Technologies, San Antonio, TX

SEPT 2017 - FEB 2018

- Created automated system for Fortune 500 company to display live updates about the status of their server infrastructure, through data aggregation
- Queried ServiceNow API to obtain 500,000 data points of information about server systems, racks, networking equipment, analyzed and parsed all data, and then passed that aggregated data into a ServiceNow visualization engine to graphically display real-time server data.
- While developing server data aggregation system, uncovered 4 previous production level bugs, and reported to proper engineering channels for immediate fixes.

### Technology Integration Specialist – Texas State University, San Marcos, TX

JUNE 2013 - MAY 2017

- Provided on-call technology integration and troubleshooting to 20+ different departments on a campus that serves 30,000+ students.
- Developed web applications for the central IT department for enhanced user training, and automated web form generation.
- Created technical documentation to explain the use of complex systems to non-technical end users.

## SKILLS

### Security

Threat Modeling,  
Vulnerability Management,  
Penetration Testing,  
Application Hardening

### Coding

C++, Qt, Python, PHP,  
Laravel, React, HTML. CSS,  
JavaScript, SQL, Bash

### Tools

AWS, Docker, Jira, Splunk,  
ServiceNow, Burp Suite, Git,  
JetBrains IDEs, Excel,  
Photoshop

### Techniques

Agile, Waterfall, Test Driven,  
Data Driven, Object Oriented,  
SOLID, Domain Driven, Peer  
Programming

## EDUCATION

### Religious Studies – St.

Edward's University, Austin

AUG 2009 - JUNE 2013

Study of World Religions,  
Textual Analysis, Literary  
Criticism, Existentialism,  
Research on Social and  
Environmental Issues

### Full Stack Web

Development – Codeup,  
San Antonio

JUNE 2017 - SEPT 2017

PHP, MySQL, Git, Laravel,  
Bootstrap, jQuery, JSON, API  
Development and Usage,  
Virtual Dev Environments,  
Bash Scripting