

# Matias Altman

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## EDUCATION

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**University of California, San Diego**  
*Bachelor of Science in Electrical Engineering*  
Depth: Software Systems

**La Jolla, CA**  
2014

## EXPERIENCE

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### General Electric

*Senior Software Engineer*

**Richmond, VA**

*Aug 2017 - Present*

- Built out tools for more effective detection/incident response using Python, Cloudformation, and Terraform.
- Developed and architected terrabyte scale SIEM in AWS with python, boto3 and cloudformation.
- Developed and architected terrabyte scale data mesh (aka DAN) in AWS with python and Terraform.

### General Electric

*Digital Technology Leadership Program*

**San Ramon, CA**

*Feb 2015 - Aug 2017*

- Inherited a proof of concept compliance application and productionalized it into ISO-27001 company wide tool.
- Software engineer on most widely used Predix service UAA and ACS. Service for authentication and authorization.
- Built out testing, middleware framework for Wurldtech network modeling and signature based threat detection.
- Developed OT and IT technology for security oriented fulfillment operation of Wurldtech Next Generation Firewall product line.

### Picodigital

*Software Intern*

**San Diego, CA**

*Jan 2014–Oct 2014*

Leader in developing end to end broadcast systems.

- As solo engineer brought watermarking project that was 3 years behind schedule back on track.
- Developed daemon for detection of watermarks in radio broadcasts using proprietary bleeding edge API.
- Migrated watermarking project's root filesystem from buildroot to yocto.

## TECHNICAL SKILLS

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**Software Development Tools:** Agile Development, Waterfall, GIT, Shell, Make, Windows, Unix/Linux, Object Oriented Analysis and Design

**Backend Programming:** Bash, Python

**Devops:** Terraform, Cloudformation, BOTO3, Docker

## Certifications

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**AWS Certified Solutions Architect Associate**

*Amazon Web Services (AWS)*

Credential ID: XFESYW9CLEFEQPSC

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*Expires 04/2019*