

# Matias Altman

2924 Sara Jean Ter, Glen Allen, VA 23060

🌐 <https://www.linkedin.com/in/matias-altman-144a0657/>

✉ [matiasa123@gmail.com](mailto:matiasa123@gmail.com)

🐙 [github.com/matiasa123](https://github.com/matiasa123)

☎ (858) 442-2419

## EDUCATION

### University of California, San Diego

*Bachelor of Science in Electrical Engineering*

Depth: Software Systems

La Jolla, CA

2014

## EXPERIENCE

### General Electric

*Senior Software Engineer*

Richmond, VA

Aug 2017 - Present

- Magnum API Team: Building out detection/intelligence tools for more effective detection using Python, Reactjs, and AWS Cloudformation.
- Architected and built MITRE ATT&CK Framework Intelligence tool which drove improved our intelligence pipeline by >500% in six months.
- Developed Terrabyte scale SIEM driven by data mesh architecture.

### 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

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

**Backend Programming:** C, C++, Java, Bash, Python

**Frontend Programming:** Vanilla Javascript, Reactjs

**Cloud:** Terraform, Cloudformation, BOTO3, Docker

## Certifications

**AWS Certified Solutions Architect Associate**

*Amazon Web Services (AWS)*

Credential ID: XFESYW9CLEFEQPSC

**Issued 04/2019**

*Expires 04/2019*