Matias Altman

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EDUCATION

University of California, San Diego   **La Jolla, CA**
Bachelor of Science in Electrical Engineering   *2014*
Depth: Software Systems

EXPERIENCE

General Electric   **Richmond, VA**
Senior Software Engineer   *Aug 2017 - Present*

- Built out tools for more effective detection/incident response 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   **San Ramon, CA**
Digital Technology Leadership Program   *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   **San Diego, CA**
Software Intern   *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 Assosciate   **Issued 04/2019**
Amazon Web Serivces (AWS)   *Expires 04/2019*
Credential ID: XFESYW9CLEFEQPSC