

ERIKA MIGUEL

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WORK EXPERIENCE

IDEX, ASA

Software Developer

Wilmington, MA

March 2017 – August 2018

- Implementing automated based testing framework for fingerprint sensors. Entails:
 - Writing code infrastructure to support test environment configuration, testing types, and results processing (Python)
- Created serverless RESTful API for release configuration management project (Python, Lambda, DynamoDB)
- Project owner for Single-Sign On experience with company tools and unified user creation suite of tools for admins and project leads. Entails:
 - Shipping CLI, utility tools and serverless RESTful API (Python, OOP, Lambda, API Gateway)
- Built entire AWS Cloud infrastructure with newly created DevOps team (Terraform, AWS, and Puppet)

Perka

DevOps Engineer

New York, NY

April 2016 – March 2017

- Sole DevOps engineer on Perka's team at the time. Served as single point of contact for:
 - Prod/deploy/build failures, account setup and access, SSL certs, config and AWS related tasks, managing DevOps contractor, 24-hour on-call for production outages
- Creative work:
 - Created Cloudformation architecture for making serverless database / EBS backups (AWS, Python)
 - Scripted server checks and enforced encryption for sensitive config values (Python, eyaml)
- Sysadmin experience with traditional downtimes, deployments, monitoring, logging, and cloud maintenance

Goldman Sachs

Global Investment Research - Analyst Software Developer

New York, NY

July 2015 – April 2016

- DevOps engineering role with global team in Investment Research
 - Automated deployments and migrated applications to new config service. (Internal tools)
 - Developed dashboard component to track projects without testing evidence (Java, React.js, Internal APIs)
- Enhanced a legacy application in Prime Services division to reduce production access to trade files.
 - Developed the upload feature for file processing with access controls (Java, AngularJS, jUnit).

PROJECTS

Personal Website: <https://erikamiguel.com>

Github Projects: <https://github.com/evmiguel>

- Repositories for personal site, lambda functions, software engineering and IoT exercises

EDUCATION

Smith College

Northampton, MA

Bachelor of Arts, Major in Computer Science

September 2011 - May 2015