Pat Myron

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EXPERIENCE

Stedi — Remote
Senior Software Engineer — 2021 –
- Wrote IDE support and resource provider contract tests for [Formation](#)
- Safely mitigated significant security and availability risks, including enforcing CloudFormation Hooks across all of Stedi's AWS accounts and regions

Amazon Web Services — Seattle, WA
Software Engineer — 2016 – 2018 / 2019 – 2021
- Launched [AWS Organizations](#) and [AWS Quotas](#) in all commercial AWS regions. Designed and wrote all infrastructure code, including automated logging, dynamically configurable distributed throttling, load balancer connection draining, schema model validation, and autoscaling, enabling AWS services to run in AWS
- Main [AWS CloudFormation](#) maintainer for [cfn-lint](#) (25M downloads/month), [IDE extension](#) (200k active users), [template schema](#), [cloudformation-cli](#), [troposphere](#), [console deeplinks](#), [drift detection](#), [CDK](#) (10M downloads/month), [terraform-provider-aws](#) (100M downloads/month), and [tflint-aws](#)
- Safely mitigated significant security and availability risks, including https://onecloudplease.com/blog/security-september-fun-with-fncidr
- Integration test suites from 100% failure rate to 100% success rate for all pipelines
- Reduced recurring test infrastructure costs by seven figures annually

Microsoft Azure — Pittsburgh, PA
Software Engineer — 2018 – 2019
- Launched [Azure HPC Cache](#)
- Reduced recurring test infrastructure costs by seven figures annually

Greenlee Textron — Rockford, IL
Software Engineer Intern — 2015
- Developed Android application to retrieve physical data from electrical cable pulls via Bluetooth and share via email
- Expanded codebase to control new products, including an electric pipe bender and an automated rope spooler

SKILLS

Significant experience: AWS, Python, Java, Android
Moderate experience: HTML, CSS, JavaScript, Unix

EDUCATION

University of Notre Dame — Notre Dame, IN
Bachelor of Science in Computer Science

RESEARCH

Department of Computer Science and Engineering — Notre Dame, IN
Researcher — 2014 – 2016
- Designed and prototyped solar-powered devices to prevent predators from attacking livestock in rural Africa by warding them off with light and noise

ACTIVITIES

Notre Dame Computer Club — Notre Dame, IN
Vice President — 2015 – 2016
- Created and maintained all websites and organized all club events
- Organized hackathons in conjunction with sponsors and facility managers