Pat Myron

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EXPERIENCE

Stedi   Remote
Senior Software Engineer   2021 – 2022
- 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 Organizations and 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 CloudFormation maintainer for linter (25M downloads/month), IDE extension (250k active users), template schema, CLI (5M downloads/month), CDK (10M downloads/month), troposphere, console deeplinks, drift detection, terraform-provider-aws (130M 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   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 electric pipe benders and automated rope spoolers

SKILLS

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

EDUCATION

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

     Computer Club Vice President   2015 – 2016
- Maintained websites, organized club events, and organized hackathons with sponsors and facility managers

INTERESTS

Giving What We Can
Member
- Giving at least 10% of income to improve global wellbeing