

Pat Myron

patmyron.com

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github.com/patmyron

EXPERIENCE

Stedi

Senior Software Engineer

Remote

2021 –

- Wrote IDE support and resource provider contract tests for [Formation](#)
- Safely mitigated significant security and availability risks

Amazon Web Services

Software Engineer

Seattle, WA

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
- Main [AWS CloudFormation](#) maintainer for [linter](#) (5M downloads/month), [IDE extension](#) (100k active users), [template schema](#), [troposphere](#), [cloudformation-cli](#), [console deeplinks](#), [drift detection](#), 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

Software Engineer

Pittsburgh, PA

2018 – 2019

- Launched [Azure HPC Cache](#)
- Reduced recurring test infrastructure costs by seven figures annually

Greenlee Textron

Software Engineer Intern

Rockford, IL

2015

- Developed Android application to retrieve real-time physical data from electrical cable pulls via Bluetooth and share data 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

Bachelor of Science in Computer Science

Notre Dame, IN

RESEARCH

Department of Computer Science and Engineering

Researcher

Notre Dame, IN

2014 – 2016

- Designed and prototyped solar-powered devices to prevent predators from attacking livestock, especially in rural Africa, by warding them off with light and noise

ACTIVITIES

Notre Dame Computer Club

Vice President

Notre Dame, IN

2015 – 2016

- Created and maintained all websites and organized all club events
- Organized hackathons in conjunction with sponsors and facility managers