

# 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](#), [cloudformation-cli](#), [troposphere](#), [console deeplinks](#), [drift detection](#), [CDK](#) (10M downloads/month), [terraform-provider-aws](#), 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