

# Megan Danielle Tiu

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## Professional Skills

- Ruby, Rails, Python
- PostgreSQL, PL/pgSQL, SQL
- Redis, Sidekiq, Elasticsearch
- Object-oriented design
- HAML, ERB, Sass, Bootstrap
- ReactJS, JavaScript, HTML, CSS
- Git, Ansible, AWS, Heroku, Bash
- Engineering management

## Work Experience

**Ruby Central**, *Director* 2019 – Present

- Guide the organization to ensure the health and longevity of the Ruby community
- Support the Ruby community by organizing RubyConf and RailsConf and funding Rubygems

**Women Who Code**, *Director of Engineering* 2018 – Present

- Manage the performance and growth of 4-6 multi-disciplinary direct reports
- Collaborate with Senior Leadership and align the Engineering team's high- and low-level priorities with the organization's goals
- Provide technical leadership and guidance on debugging, application architecture, operations, and performance through code review, pair programming, and more
- Establish standards for maintaining quality software through automated and manual testing

**CallRail**, *Senior Software Engineer* 2016 – 2018

- Created, planned, and ran all phases of a Software Development Apprenticeship program, including devising a new hiring process and providing apprentices with technical mentorship
- Significantly cut operational costs by reducing external API queries and building a conservative inventory management system using Ruby on Rails
- Automated server configuration, deployments, and other operations with Ansible and AWS-hosted infrastructure

**Fittery**, *Lead Software Engineer* 2015 – 2016

- Led planning, architecting, and development of 4 customer-facing Rails and JavaScript products
- Collaborated with sales and product teams in determining engineering priorities
- Reduced technology infrastructure costs by 45% through server and database management

## Public Speaking

**The Practical Guide to Building an Apprenticeship** 2018

- Instructions and best practices for creating an inclusive developer apprenticeship program
- Presented at RubyConf Philippines, RailsConf, Madison+ Ruby, self.Conference, and more

## Volunteer Experience

**Rails Girls Atlanta**, *Board of Directors, Communication Coordinator* 2015 – 2017

- Educated members on Rails topics including app creation, gems, routing, MVC architecture, and upgrades through speaking engagements, workshop coaching, and one-on-one sessions

## Education

**Georgia State University**, *Bachelor of Arts, Film and Video* 2011 – 2015