

# Tyler Guillen

Software Engineer

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tylguillen.com

**Skills & Code** Builds web applications, APIs, and developer tools using Ruby, JavaScript, and Python. Values clean, extensible code backed by robust test suites. Experienced with frameworks like Rails, Sinatra, React, Vue, and Flask. Has a strong grasp of HTTP, object-oriented design, systems, and relational databases. Comfortable with Git, AWS, Docker, and CI tools. Enjoys taking ownership of each project from conception to delivery and beyond.

## **Work** *Senior Software Engineer - Touch of Modern*

San Francisco, CA; August 2018 – Present

Design, implement, test, and maintain a robust built-in-house e-commerce and logistics platform using Ruby on Rails, Docker, MySQL, and Redis.

- Increase system stability and deployment confidence by building up test coverage and improving application design.
- Take charge of modernizing a legacy platform by migrating infrastructure to AWS ECS, performing framework and software upgrades, and adopting standards for code quality and test coverage.
- Act as a technical lead on software and infrastructure projects, working closely with product management and design teams to deliver both customer-facing features and internal tools.
- Provide mentorship for junior engineers.

## *Software Engineer - Touch of Modern*

San Francisco, CA; August 2017 – August 2018

## *Software Engineer - Tracebin*

Takoma Park, MD; March 2017 – July 2017

## *IT Coordinator / Web Developer - Certified Contractors Network*

Takoma Park, MD; October 2015 – March 2017

Researched, implemented, and monitored IT solutions for a small business with both local and remote employees.

- Significantly reduced administrative overhead by building custom tools to manage customer data using SQL, Ruby, and JavaScript.

## *MSI Learning Assistant - UC Santa Cruz*

Santa Cruz, CA; September 2014 – June 2015

Facilitated small group study sessions (10-15 students) for courses in logic, involving argument structure, deductive reasoning, and formal proofs.

**Open Source** *Emittance* (<https://github.com/aastronautss/emittance>) – A flexible and extensible eventing library for Ruby. Adaptable for multiple back ends, including ActiveJob, Resque, Sidekiq, and RabbitMQ.

*Tracebin* (<https://traceb.in>) – A service that collects application performance data from Tracebin agents. Aggregates and displays 24 hours of data, including endpoint performance, database query and view rendering overhead, and general system health.

## **Education** *Launch School - Online Coursework*

Full Stack Web Development Curriculum, 2017

## *University of California, Santa Cruz - Santa Cruz, CA*

Bachelor of Arts in Philosophy, 2015