

Tyler Guillen

Software Engineer

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tylerguillen.com

Skills & Code Proficient with building RESTful web applications and APIs using Ruby, JavaScript, HTML, and CSS, and a working knowledge of Python. Values clean, extensible, code backed by robust test suites. Extensive experience using frameworks like Rails, Sinatra, Backbone, and Flask, with a strong grasp of the core principles of HTTP, object-oriented design, systems, and relational databases. Comfortable with Git workflows and continuous delivery.

Recent Projects *Tracebin* (<https://tracebin.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.

My Trello Rails (<https://mytrello.tylerguillen.com>) – A Trello-style application with a Rails backend and a Backbone frontend. Integrates with various third-party resources, and is fully covered by a test suite.

Work *Software Engineer - Touch of Modern*
San Francisco, CA; August 2017 – Present

Design, implement, and maintain a robust Ruby on Rails application and logistics platform.

Software Engineer - Tracebin
Takoma Park, MD; March 2017 – July 2017

Led a small team on an independent project, building a lightweight agent to collect web application performance data, and a server to handle that data.

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.

- Reduced administrative overhead by building custom tools to manage customer data using SQL, Ruby, and JavaScript.
- Managed an on-premises Windows server with Active Directory and Exchange controllers.
- Increased website traffic with SEO, content and layout updates, and brand-consistent advertisements on in both print and web formats.
- Coordinated new software adoptions, overseeing and implementing data migrations and training procedures.

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.

Math and Logic Tutor - Grossmont College
El Cajon, CA; January 2013 – December 2013

Provided one-on-one tutoring to students in all areas of lower-division mathematics and philosophy, from algebra through differential equations, and Plato through Sartre.

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

- Received Highest Honors in the Major