

# Tyler Guillen

Software Engineer

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**Profile** A full-stack web developer with 1.5 years of experience building applications and utilities.

**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*** – 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*** – A Trello-style application with a Rails backend and a Backbone frontend. Integrates with various third-party resources, and is backed by a robust test suite.

## **Work** ***IT Coordinator - 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.
- Maintained internal data integrity by implementing integrations between services.
- Managed an on-premises Windows server with Active Directory and Exchange controllers,
- Acted as a webmaster, developing and publishing web content with various software suites, including WordPress and proprietary content management systems.
- 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.

- Increased student passing rates by developing new methods for lesson implementation and learning outcome evaluation.
- Predicted, identified, and managed various issues by coordinating with professors and teacher's aides to create lesson plans that catered to student needs on a case-by-case basis.

## ***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