

Tim Freeman

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Full stack web developer with nearly a decade of experience as a high school teacher and athletics coach. I discovered coding through data analytics side projects that tracked and analyzed student data. In addition to proficiency in Ruby on Rails, Javascript, and React/Redux programming, I bring strong interpersonal, public speaking, and communication skills, experience managing teams, and extensive knowledge in breaking down problems into their component parts.

TECHNICAL PROJECTS

E-Valuator - Github [frontend](#) / [backend](#) | [User Demo](#) (*admin@flatiron.com* + password: *flatiron*) | [Video Demo](#)

A quick and easy employee evaluation execution and data tracking system for managers and supervisors

- ☐ Built backend API with Ruby on Rails and Postgres database scoped to return fully packaged data on fetch
- ☐ Built frontend with React and Redux styled with custom CSS
- ☐ Incorporated Chart.js for simple data visualization

Trip • Tracker - Github [frontend](#) / [backend](#) | [Video Demo](#)

A trip planning app to help you find things to see and do, places to stay, and restaurants to try on your next vacation

- ☐ Built backend API with Ruby on Rails and Postgres database scoped to return fully packaged data on fetch
- ☐ Built frontend with React and manually designed using new CSS Grid syntax and techniques
- ☐ Executes filtered fetch requests to the Yelp API and Google Maps API to assist with trip planning

QuoraOverflow - Github [frontend](#) / [backend](#)

A question/answer site clone designed to help you get the info you need from crowdsourced questions and answers

- ☐ Backend API built with Ruby on Rails and Postgres database scoped to return fully packaged data on fetch
- ☐ Built frontend with vanilla JavaScript jQuery and styled with Semantic UI
- ☐ Makes use of complex ActiveRecord associations

TECHNICAL SKILLS

- ☐ Ruby, Ruby on Rails, JavaScript, jQuery, React, Redux, CSS, HTML, Python

EMPLOYMENT HISTORY

Democracy Prep Charter High School, New York, NY

Teacher (Gov't, History, P.E.), Grade Level Leader, Instructional Coach, Athletics Coach -- August 2011 - July 2017

- ☐ Managed grade level and department teams (~10 teachers each) setting goals, implementing initiatives, and measuring progress through data analysis
- ☐ Designed schoolwide behavioral management system and data analytics tools to track student behavioral progress
- ☐ Created JavaScript-based data analyzer to facilitate bi-trimester tutoring assignments for ~100 students
- ☐ Developed standards-aligned history curriculum assessments with ~400 students achieving a 92% pass rate on the state exam (compared to state average of 60%)

Ministry of Education, Madrid, Spain

Cultural Ambassador / Auxiliar de Conversación -- September 2010 - July 2011

- ☐ Taught 5th and 6th grade English, science, and social studies in Madrid's public school system
- ☐ Organized, designed curriculum for, and tracked progress of small group tutoring sessions

Teach For America, Chicago, IL

Teacher - Urban Prep Academies - Englewood -- July 2008 - July 2010

- ☐ Created and taught Spanish I and II curriculum and assessments for ~100 students
- ☐ Collected and analyzed student data to track progress and inform instruction

EDUCATION

Flatiron School - New York, NY - *Full stack web development immersive program* - 2017

National-Louis University - Chicago, IL - *Master of Arts in Teaching, Specializing in Language Acquisition* | 4.0 GPA - 2010

University of Memphis - Memphis, TN - *Bachelor of Arts in History and Spanish* | 3.6 GPA - 2008