

Stephen Kay

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Language and Framework Experience

- **Languages (More Experience):** Ruby, C, SQL, HTML, CSS
- **Languages (Some Experience):** Python, Javascript
- **Frameworks and Tools:** Ruby on Rails, JQuery, Flask, Bootstrap, Git, Github, AWS, RESTful architecture, Object Oriented Programming, MVC architecture, Twillio

Professional Portfolio

All About Coffee:

- Full Stack Ruby on Rails web application that allows users to log in and write coffee reviews while following other users in a Twitter-like status feed.
- Learned industry best practices for MVC architecture and data management while also becoming proficient in site design and styling using bootstrap and javascript.
- Technologies and skills used: Ruby on Rails, AWS, Heroku, SQL, Javascript, Bootstrap, RESTful/MVC architecture

Daily Scheduler:

- Ruby script hosted online that sends daily text reminders to a cell phone by parsing JSON from a Google spreadsheet and sending the notifications with Twillio.
- Gained knowledge of web scraping and data parsing, while also refining my ability to read other application's APIs and integrate them into my own projects.
- Technologies and skills used: Ruby, Twillio, Heroku

Mock Stock Exchange:

- Flask application that uses the yahoo finance API to parse current stock prices and allows users to "buy/sell" stocks in a virtual portfolio.
- Additional practice gained in working with web frameworks, data base management, and foreign API integration.
- Technologies and skills used: Flask, Python, SQLite, HTML, CSS

Github:

- More personal and course projects can be found at <https://github.com/kaystep>

Professional Development

CS50 EdX (MOOC Platform, Harvard University)

March 2017

- **Topics Include:** abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development
- **Languages used:** C, Python, SQL, Javascript, CSS, and HTML

EDUCATION

Washington University in St. Louis School of Medicine; St. Louis, MO

2017

Doctor of Physical Therapy

The University of Michigan School of Kinesiology; Ann Arbor, MI

2014

Bachelor of Science: Kinesiology

Minor: Biochemistry