

Stephen Kay

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Summary:

- I'm a full stack web developer with 2 years of experience writing clean maintainable code. I have been involved in a variety of programming projects from full stack applications to simple Ruby and Python scripts to automate day-to-day tasks. I have a genuine curiosity to always be learning and implementing the most effective solutions for new problems that arise every day. Finally, I'm a team player with the soft skills necessary to communicate effectively with others and thrive in an agile workplace.

Language and Framework Experience:

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

Open Source Contributions:

Publiclab.org: Open source Rails application with a Bootstrap UI, currently working

- An open source community that allows researchers, scientists, and educators to solve environmental concerns together
- Currently submitting pull request for bug fixes and web application updates in order to improve the user functionality of the website

Professional Portfolio:

All About Coffee:

- Developed a review system using Ruby on Rails, MVC, AWS, Heroku, and Javascript resulting in a way to rate coffee roasters and view recommended coffee roasts from 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, Javascript, and Ajax.

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 on web scraping and data parsing, while also refining my ability to read other application's APIs and integrate them into my own projects.

Mock Stock Exchange:

- Flask application using SQLite, HTML, and CSS 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.

Work Experience:

WSi Healthcare: Contract Licensed Doctor of Physical Therapy-Currently employed

- Independently maintained own patient caseload treating a variety of musculoskeletal and neuromuscular patients in both an outpatient and inpatient environment.
- Thrived in a fast paced clinical setting by communicating effectively with support staff in order to provide the best patient care possible.

Education:

CS50 EdX (MOOC Platform Harvard University)-Completed March 2017

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

Washington University in St. Louis School of Medicine; St. Louis, MO- Degree Awarded August 2017

- *Doctorate of Physical Therapy*

The University of Michigan School of Kinesiology; Ann Arbor, MI-Degree Awarded May 2014

- *Bachelor of Science; Kinesiology and Biochemistry*