Michael Halloran
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Profile
I am a web developer with experience primarily in Ruby on Rails. Previously, I have worked in the financial industry contributing to my teams and maintaining the standards set forth by the company. I am seeking an opportunity that will make use of creativity and problem solving skills.

LANGUAGES AND TOOLS
- Ruby
- Rails
- Git / Github
- HTML / CSS
- JavaScript (jQuery)

- Heroku / AWS
- Twitter Bootstrap
- SQL
- Linux
- R

Development and Education

Web Development, Algorithm, and Data Structures Foundations - Firehose Project
December 2015 to April 2016
• In an intensive 16 week program I learned how to become a programmer who was able to break complex problems into more manageable problems I am able to tackle. I also learned about the tools of the trade. Learned how to build-out basic CRUD Rails apps following standard Rails conventions (without using scaffolding), involving mailers, validations, image uploading on AWS S3 and nested RESTful routes.
• Implemented Test Driven Development using rspec.
• Worked through traditional computer science algorithms and data structures challenges

> • Graph search (depth-first & breadth-first)
> • Implemented linked lists with basic ruby classes
> • Implemented stacks and queues
> • Reversed linked lists (both with a recursive solution with mutation, and a solution that
leverages stack-like properties of linked lists)

Bachelor of Science in Business Administration
Northeastern University - Boston, MA 2006

Experience
Worked on an Agile Team to Build a Chess Game
Remote Junior Web Developer – February 2016 to April 2016
• Worked on a remote team of 5 developers to build a ruby on rails chess web application that enforces the rules of chess (e.g. users cannot move themselves into checkmate, support for castling and en passant, etc.).
• I personally built many features on the app, notably the logic for player turns, king and bishop moves, and pawn promotion. See the code on Github.
• Was held accountable for following best practices like test-driven-development and code reviews by **Kevin Guran**, a senior web developer who led the team.

Our Development Workflow
• Had a kick-off meeting to set goals and expectations with various team-members and stakeholders. Followed standard Agile and SCRUM methodologies (virtual stand-ups, sprint planning, etc).

• We used <u>Firebase</u> to support the WebSocket layer that allows real-time piece move updates to the game across the two players of the game.
• Used CodeShip as a platform to run our continuous integration and continuous deployment.
• Pair programmed with other developers using Google Hangout.
• Used Trello as an agile board (instead of post-it notes) and Slack to ensure great team communication between all developers.

Fiscal Operations Administrator: Vinfen -
Cambridge, MA - October 2013 to January 2016
• Prepare and/or monitor program budgets, forecasts and amendments with direction from the DOS for over 80 programs
• Liaison with Vinfen's Finance Department regarding accounting, billing and payroll issues.
• Analyze financial reports and initiate accounting corrections.
• Develop and distribute key indicator expense and utilization management reports under the direction of the Operations Director.
• Manage and reconcile program fees and rent collection for persons served.
• Design and implement systems to facilitate administrative efficiency and effectiveness for work group.

Senior Fund Accountant: State Street Corporation -
Boston, MA - June 2010 to October 2013
• Train other groups to take over our tasks accurately and assist throughout the handover transition
• Research broker under and over payments using Bloomberg terminal on various types of securities and resolve the issue with broker/client
• Monitor and verify all incoming wires have been received for over 100 funds
• Train and supervise new hires and check monthly, weekly and daily reports/work for accuracy and completion as well as make coverage of funds.
• Maintain well-documented organized work papers and client files

Fund Accountant: State Street Corporation -
Boston, MA - April 2008 to June 2010
• Prepare accurate and timely valuations and various other client specification reports which are sent to the client on a regular basis
• Work both as a team member and independently under strict time constraints