

Michael Harry Miller

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PROJECTS

Quorum (Ruby on Rails, React.js) <http://quorum-app.herokuapp.com>

A question and answer hub built in Rails with React.js front-end.

- Omniauth allows log-in with Facebook profile.
- Single-page structure facilitates quick navigation and optimizes load times.
- Complex queries create information-rich pages.
- Uploads and hosts images on Amazon Web Services S3 Cloud Storage.

Active ORM (Ruby) http://github.com/m-h-miller/active_orm

An Object-Relational Manager; inspired by Active Record.

- Employs Ruby's robust meta-programming capabilities.

Asteroids (Vanilla JavaScript) <http://github.com/m-h-miller/asteroids>

An HTML5 Canvas remake of the classic game.

- Leverages prototypical inheritance to share behavior and minify code.
- Custom event firing synchronizes application.

SKILLS

Ruby | Ruby on Rails | JavaScript | jQuery + AJAX | React.js | HTML + CSS | AWS

SQL + PostgreSQL | Test-Driven Development: RSpec + Capybara | Node.js | Webpack

EDUCATION

App Academy, New York, NY **September – December 2015**

- Full-stack web-development course emphasizing pair programming.
- Acceptance rate <5%.

University of Pennsylvania, Philadelphia, PA **September 2010 – May 2015**

Bachelor of Arts

- Major: Philosophy; Minor: History
- GPA: 3.30
- Standardized testing: SAT 2260; ACT 35

EXPERIENCE

Balch & Bingham LLP, Birmingham, AL **June – July 2014**

Summer Project Assistant, Nuclear & Environmental division

- Researched engineering documents and archives in support of litigation.
- Prepared briefings on Nuclear Regulatory Commission policy changes related to the Fukushima accident.