

Wesley Robinson

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[SKILLS] Ruby, Rails, JavaScript, jQuery, React, Redux, HTML, CSS, PostgreSQL, Git

[PROJECTS] **NotOKCupid** (*PostgreSQL, Rails and React/Redux*) | [live](#) | [github](#)
Clone of OkCupid, with a twist. Users are matched based on their incompatibility.

- Matching algorithm calculates geometric mean of each user compatibility percentage
- Seeds profile pictures using 3rd party RESTful API and AWS S3 cloud storage
- Integrates geolocation filtering to find other users within a certain radius
- Removes all N+1 queries and superfluous AJAX requests for quick DOM render

Stick Tennis (*JavaScript, Canvas*) | [live](#) | [github](#)
Clone of the classic Atari Pong game.

- Performs DOM manipulation and click-handling using jQuery
- Employs HTML canvas element for graphical rendering of court
- Calculates bounce angle using normalized relative intersection with paddle

QueryBuilder (*Ruby*) | [github](#)
Lightweight ORM for database management.

- Leverages metaprogramming for dynamic creation of database management API
- Adds class associations allowing method-style access to relatives

[EXPERIENCE] **FX Trader - Gelber Group, LLC** 2014-2016

- Traded G10/EM currency pairs with a \$5,000 daily risk budget
- Performed quick risk management calculations, earning profits of ~\$70,000
- Applied macroeconomics and price action to identify profitable opportunities

Infrastructure Networking Engineer Co-op - Broadcom Corporation 2012

- Assisted in programming an FPGA for flow control using Verilog
- Ran screening and traffic tests on ethernet chips to simulate real-world conditions

[EDUCATION] **App Academy - Acceptance rate < 3%** Fall 2016

- Intensive 1000-hour web development course emphasizing pair programming, Test Driven Development, and best practices in React and Redux

Northeastern University - BS, Electrical Engineering 2009-2014

Curriculum Highlights: Algorithms and Data Structures, Computer Architecture, Computer and Telecommunication Systems, Communications Systems

GPA 3.25

PORTFOLIO www.wesleyrobinson.me • GITHUB <https://github.com/wesrobinson12>
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