Michael Duke

634 Humboldt St, Apt 2L • Brooklyn, NY • 11222
CELL (908) 672 - 4709 • **E-MAIL** michaelcduke@gmail.com

PROJECTS

superBoards *(Ruby on Rails, React.js/Flux)* | [live](#) | [github](#)
Productivity web app for organizing notes and projects. Inspired by Trello.
• Implements drag-and-drop functionality using React DnD.
• Allows secure authentication using BCrypt and Omniauth with Facebook.
• Enables full text search through user's data with PgSearch.

AsteroidBlast *(JavaScript, HTML5)* | [live](#) | [github](#)
Browser based game inspired by classic side-scrolling arcade shooter games.
• Renders side-scrolling game view using multiple HTML5 Canvas layers.
• Implements collision detection based on trigonometric functions.

ActiveRecord Lite *(Ruby, SQL)* | [github](#)
An implementation of Ruby on Rails' ActiveRecord core features.
• Leverages Ruby metaprogramming principles to implement ORM.
• Abstracts complex SQL queries to Ruby classes via modules and inheritance.

SKILLS

Ruby	**Rails**	**SQL**	**HTML/CSS**	**SQL**
JavaScript	**jQuery**	**SQL**	**React.js**	**Flux**	**Git**

EXPERIENCE

Capital Markets Accountant - *BNY Mellon*   **2007 - 2015**
• Automated accounting tasks, eliminating 3 hours of daily production work.
• Investigated and resolved accounting system errors with global teams.
• Achieved accurate accounting of client funds on a daily basis over 8 years.

Dance Instructor - *Brooklyn Swings*   **2014 - 2015**
• Conducted flexible group classes for students of all levels and physical ability.

EDUCATION

App Academy   **2015 - 2016**
• Rigorous 1000-hour software development course with < 3% acceptance rate.

Ramapo College of New Jersey   **2004 - 2007**
• Bachelor of Science in Accounting, GPA: 3.47

PORTFOLIO www.michaelduke.nyc • **GITHUB** www.github.com/michaelcd
LINKEDIN www.linkedin.com/in/michaelcduke