

Michael Duke

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EXPERIENCE **Contract Front End Developer - Carrot Creative** **2016**

- Built static sites for VICE Media using Gulp and Webpack-based build tools.
- Created and enhanced features for Carrot's Webpack plugins using TDD.
- Collaborated with designers to create interactive site components.

Capital Markets Accountant - BNY Mellon **2007 - 2015**

- Automated processes with Visual Basic, eliminating daily production work.
- Wrote scripts in VB to parse data for audits and ad-hoc projects.
- Assisted development teams with accounting software implementations.

Dance Instructor - Brooklyn Swings **2014 - 2015**

- Conducted flexible group classes for students of all levels and physical ability.

PROJECTS **superBoards** (Ruby on Rails, React.js/Flux) | [live](#) | [github](#) *Productivity web app for organizing notes and projects. Inspired by Trello.*

- Provides data to React.js/Flux through RESTful JSON API built in Rails.
- Allows secure authentication by encrypting user passwords in database.
- Implements real-time search through AJAX requests for seamless UX.

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, enabling easy data lookup.
- Enables DRY code through use of Ruby modules and inheritance.

SKILLS	Ruby	JavaScript	React.js	HTML5
	Rails	ES6	Redux.js	CSS3
	SQL	jQuery	Flux	Git

EDUCATION **App Academy** **2015 - 2016**

- Rigorous 1000-hour software development course with < 3% acceptance rate.
- Emphasis on CS fundamentals, TDD, pair programming, and best practices.

Ramapo College of New Jersey **2004 - 2007**

- Bachelor of Science in Accounting, GPA: 3.47
- President of Finance club

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