

Ismael Olea

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PROJECTS

Rails-Built Blogging App · [github](https://github.com) *Back End Engineer*

- Blogging Application lets users create an account, submit articles and read other's articles.
- Custom authentication using BCrypt overrides User#password= method to store secret hash instead of plain text.

Fun Hockey · [github](https://github.com) · *Front End Engineer*

- Classic air hockey game rebuilt and rendered smoothly with HTML5's Canvas.
- Utilizes simulated physics to control behavior of puck-mallet collisions and interactions

React Timer/StopWatch · [github](https://github.com) · *Front End Engineer*

- Single Page Timer and Stopwatch Application implementation with the React Front End Framework

SKILLS

Ruby · Ruby on Rails · JavaScript · jQuery · React · SQL · git · HTML · CSS · Python

EDUCATION

App Academy

San Francisco, CA · Oct. 2015 - Jan. 2016

Full-stack Web Development Course

- 1000-hour full-stack software development course emphasizing: TDD, OOP, single-page apps, web development best practices, security, REST, algorithms

Massachusetts Institute of Technology

Cambridge, Massachusetts · 2011

Sloan School of Management BS · Management Science

- Curriculum Highlights: Multivariable Calculus, Linear Algebra, Differential Equations, Probabilistic Systems Analysis & Applied Probability, Statistical Thinking and Data Analysis

EXPERIENCE & INTERESTS

Mendocino Community Health Clinic

Financial Analyst

Ukiah, CA · Apr. 2014 - Apr. 2015

- Created dozens of VBA Excel macros to increase output and efficiency of colleagues
- Quantified and processed reams of data with the Abila/MIP Accounting Software

Macy's, Inc.

R.F.I.D / Administrative Support Team (AST) Associate

Corte Madera, CA · Jul. - Dec. 2013

- Formed an integral part of the Merchandising Support that successfully carried out daily, weekly and monthly responsibilities pertaining to a well-functioning department store
- Interviewed potential support team and salesmen candidates for open holiday positions