Ismael Olea

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PROJECTS

paxamericana · github *Full Stack Engineer*

- Annotate historical documents in the style of RapGenius.
- Full Stack React app consuming RESTful JSON Rails API.
- Custom authentication using BCrypt overrides User#password= method to store secret hash instead of plain text.

airHockey.js · github · *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

chess.rb · github · *Back End Engineer*

- Chess implementation using OOP principles and classes for player, game & pieces

SKILLS

Ruby · Ruby on Rails · JavaScript · jQuery · React/Flux · SQL · git · HTML · CSS

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

Centro School of Design, Film & Television
Business Consultant
Mexico City, Mexico · Jun. - Aug. 2011

- Advised 25 fledgling art-student entrepreneurs with 10 start-up companies by assessing their business models and offering viable solutions.