

# Adam Perea-Kane

Software Developer, NYC

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 [LinkedIn](#)

 [GitHub](#)

 [Angel List](#)

## PROJECTS

### Taut Messenger — Full Stack React/Rails Messaging App

- WebSockets protocol enables real time experience broadcasting data from server to client without an AJAX/HTTP request.
- Multithreading allows server side chat bots to perform Shakespeare without blocking the server.
- Full front and back end user authentication that enables numerous users to log in, join and create channels, and message one another securely.

( [Github](#) | [Live](#) )

### Console Chess — Chess Game for Terminal

- Follows best practices of Object Oriented Programming to implement a minimalist public API with no global mutable state.
- Optimized AI with bitwise functions to perform Minimax tree search more than ten times faster than original prototype.

( [Github](#) )

### Bitwise Tetris — JavaScript Game using Canvas

- Browser edition of classic game using bitwise functions to calculate piece rotation and collision detection.
- Uses ES6 class syntax to produce modular DRY code.

( [Github](#) | [Live](#) )

## PROFESSIONAL EXPERIENCE

### Capra LLC — Founder and Software Developer (2017-2019)

- Design and implement web scraping and data-mining applications to track more than 30,000 e-Commerce products.

### Syriac Research Portal — Research Assistant (2011-2014)

- Developed application to parse, compile, and update data from diverse sources to build the largest database of historical information on Christianity in the Middle East ([live](#))

## LANGUAGES

JavaScript

Ruby

Python

## SKILLS

React.js

Rails

jQuery

SQL

HTML5

CSS3

RSpec

Git

## ACADEMIC EXPERIENCE

### App Academy

1000-hour course with 3% acceptance rate and an emphasis on coding style, pair programming, and best practices. (2018-2019)

### Princeton University

Performed two years of study in pursuit of PhD in History before exiting program (2016 - 2018)

### Oxford University

Master's of Philosophy (2014-2016)

### Saint Michael's College

Triple Major in Philosophy, Classics, and Religion (2010 - 2014)