Nathan Matteson

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Projects

TaskLion | *Full Stack Engineer*   **live ● github**
Micro-contracting service for cats, built with Rails backend and React.js frontend.
- ❖ Hooks into Google Places API to validate addresses
- ❖ Adapts to smaller screen sizes with CSS media queries for responsive layout
- ❖ Connects Taskers (cats) to tasks, users, and bookings through several join tables

OpalORM | *Ruby Engineer*   **rubygems ● github**
Object-relational mapper gem inspired by Rails' ActiveRecord.
- ❖ 150+ downloads in first week on rubygems site
- ❖ Enables quick database setup with a command-line interface
- ❖ Compiles database schema using a domain-specific language and a Rake task
- ❖ Simplifies database access with dynamically-defined methods for CRUD operations

Missile Command | *JavaScript Engineer*   **live ● github**
Rendition of the classic Atari missile defense game.
- ❖ Calculates angular velocity with custom algorithm for accurate projectile movement
- ❖ Draws all art using only Canvas line, arc, and Bézier methods

Skills

Ruby	Javascript	Java	jQuery	HTML	git
Ruby on Rails	React.js	Android	SQL	CSS	RSpec

Education

University of California, Los Angeles   **Dec. 2014**
B.A. Linguistics and Computer Science   Los Angeles, CA

App Academy   **Jan. 2016 - March 2016**
Full-stack web development course

Experience

Private tutor - freelance   **Jan. 2015 - Dec. 2015**
Kept Wyzant profile to attract new students. Taught a variety of subjects including programming.
- ❖ Taught Java and C/C++ to CS and engineering students
- ❖ Received unanimous 5-star ratings from 19 clients
- ❖ Advised students on best coding practices and OOP concepts so they could ace their courses; instructed one pair in building a top-down space combat game in C