

# Thomsen Cummings



1054A DeKalb Av, Bklyn, NY, 11221



215-896-2827



[thomsencummings@gmail.com](mailto:thomsencummings@gmail.com)



[github](#)



[linkedin](#)



[portfolio](#)

## Projects

### PerfectPair

[live](#) // [source](#)

*A full-stack OkCupid clone. Rails back-end, React/Flux front-end*

- Incorporates a Single-Page UX for question-answering and profile CRUD
- Provides a real-time messaging system with WebSockets via the Pusher API
- Calculates user-compatibility with weighted algorithm, achieving optimal performance in a single SQL query

### Cordyceps

[live](#) // [source](#)

*A platform-jumper web-game in JavaScript and Canvas*

- Achieves seamless collision detection with a hand-rolled 2D physics engine
- Presents a dynamic camera and particle-mapping via verlet integration for visually satisfying gamefeel
- Orchestrates unique event-triggering system for cinematic presentation

### Metro

[source](#)

*A light-weight ORM and MVC*

- Provides dynamic association macros and chainable Sqlite3 queries through ruby metaprogramming
- Integrates static assets and exception handling middleware on Rack router

## Skills

Ruby/Rails

JavaScript

SQL

React.js

Flux

jQuery

HTML

CSS

Git

Heroku

Adobe  
Photoshop CS6

SPSS

## Experience

### Research Assistant • 2015

*Temple University Cognition Lab  
Philadelphia, PA*

Mapped CSV data for SPSS  
statistical analysis by writing MS  
Excel macros

Managed 400 participant  
experiment on E-Prime data  
collection software

## Education

### App Academy • 2016

Web development bootcamp,  
1000hrs pair-programming  
environment, full-stack app  
production, <3% acceptance rate

### Temple University • 2011-2015

BA Psychology, 3.7 major GPA