

Thomsen Cummings



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[portfolio](#)

Projects

PerfectPair

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

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

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

Cordyceps

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

A platform-jumper web-game in JavaScript and Canvas

- Presents a dynamic camera and particle-mapping via verlet integration, providing visually satisfying gamefeel
- Achieves seamless collision detection with a hand-rolled 2D physics engine
- 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,
1000 hrs pair-programming
environment, full-stack app
production, <3% acceptance rate

Temple University • 2011-2015

BA Psychology, 3.7 major GPA