

Krairit (Mac) Sirifuangwattana

Software Developer

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[Portfolio](#) · [GitHub](#) · [LinkedIn](#)

Projects

[Episodic](#) · [github](#)

Full stack - *Rails, ReactJS, PostgreSQL*

Single-page web application inspired by Medium

- Implemented rich-text Medium editor for improved UX.
- Encouraged flexible components which handle API calls by querying URL parameters for enhanced maintainability and DRY code.
- Engineered efficient data retrieval with custom methods for User relationships, eliminating N + 1 queries.

[Don't Touch](#) · [github](#)

Front end - *JavaScript, HTML5*

A cursor-avoidance game built on HTML5 Canvas with object-oriented JavaScript

- Developed appealing visual effects by caching past cursor positions.
- Increased replay value by dynamically adjusting difficulty based on progression.
- Maintained efficient rendering by filtering canvas elements outside frame parameters for seamless animation.

[Mont](#) · [github](#)

Back end - *Rails, Rack*

Lightweight backend MVC framework

- Introduced CSRF protection and cookie storage for session-based browsing.
- Leveraged Ruby metaprogramming techniques to dynamically define methods.

Skills

Ruby

Ruby on Rails

JavaScript

jQuery

AWS

SQL

React

HTML/CSS

Git

Flux

Education

[App Academy](#) · New York, NY · June - August 2016

Full-stack web development course

- 1000-hour programming intensive with <3% acceptance rate.
- Topics include: TDD, scalability, algorithms, OOP, coding style.

[Stony Brook University](#) · Stony Brook, NY · 2013

- Bachelor of Science in Biochemistry.
- Volunteer at Stony Brook Hospital Surgery Department.

Experience

[Malca-Amit](#)

Operations Coordinator · New York, NY · November 2013 - May 2016

- Coordinated over 70 daily domestic transportations of valuable assets.
- Minimized data entry errors by establishing protocols for clientele.
- Promoted to Interim-supervisor (July - November 2015) for taking initiative to improve departmental workflows.