

Bryan Lynch

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2 Chome-3-1 Nishiwaseda, Shinjuku City, Tokyo 169-8616, Japan

SKILLS Ruby, Ruby on Rails, RSpec, JavaScript, jQuery, React, Redux, SQL, Git, HTML5, CSS3, SASS, C, AWS

PROJECTS

Professional

MangoBnB (Rails, ReactJS, Redux, PostgreSQL, AWS, RSpec, Webpack, HTML, CSS, SASS)

[live](#) | [github](#)

Hotel Website, Single AJAX app with RESTful Rails API Backend

- Indexes booking data for fast booking and confirmation retrievals.
- Data sync between components and stores implemented through Redux architecture.
- Allows for instantaneous price and room availability changes via an admin terminal.
- Preprocesses large images before upload to *Amazon S3* to allow for scale.
- Provides seamless mobile experience with Responsive Design.

Personal

Chess (Ruby)

[github](#)

Terminal Based Chess Game

- Achieves DRY, modular code through stepping and sliding piece inheritance classes.
- Creates user friendly terminal GUI through, using functional style programming.
- Responsive AI built through mini-max algorithm.

Penguin Ski Snowflake (JavaScript, HTML Canvas, CSS)

[live](#) | [github](#)

Classic Avoid-the-Obstacle Type Game

- Provides fun-to-play, simple-to-use logic and design based on object-oriented principles.
- Utilizes HTML Canvas sprites to lower resource overhang and optimize run-time.

EXPERIENCE

Vertical Research Partners

Stock Market Research Analyst

Apr 2014 - Sep 2015

- Research and compose equity research reports on over thirty-five mid-to-large cap stocks in the paper and packaging sector on an *Institutional Investor* top-ranked team.
- Conduct data analysis with PYTHON. Update company website's front-end via HTML, CSS, and JavaScript.

FOREIGN LANGUAGES English (native), Japanese (fluent) (JLPT N1 145/180), Chinese (fluent)

EDUCATION

Web Development - App Academy (2018-2019)

- *Rigorous 1000-hour software development course with <3% acceptance rate*
- *Teaches full-stack web development: Rails, SQL, JS, React, TDD, algorithms, design patterns, and programming best practices.*

Advanced Japanese Language Studies – Inter-University Center (IUC) Japan (Yokohama, Japan) 2018

MA Education – Yale University 2017, GPA: 4.0/4.0, Major: East Asian Studies

Advanced Chinese Language Studies – Tsinghua University 2016 清華大學 Beijing, China

BA Education – New York University, 2014, GPA: 4.0/4.0, Major: Economics