

Minh Nguyen

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San Francisco, CA

PROJECTS

Pixelates (*JavaScript, Rails, React*) | [live](#) | [github](#)

A web application for making and sharing pixel art.

- Fast brush rendering with path-finding algorithm that overcomes the browser's limitations on the number of mouse events triggered.
- Drawings can be downloaded to a local machine or saved to user's account by making use of the dataURI conversion that is native to HTML5 Canvas objects.
- Preload likes and comments with drawings to avoid N+1 queries.

Chess (*Ruby*) | [github](#)

2-player terminal chess game.

- Implements object-oriented design patterns, including inheritance, encapsulation, polymorphism, and null-object.

Minhi-Rails (*Ruby*) | [github](#)

Webserver MVC framework with ORM inspired by Rails.

- Uses metaprogramming to construct an object representation of the database that also provides default methods for making queries and data manipulation.
- Draws and runs routes using regex matching.
- Recursively builds hash for nested params from query strings.

EDUCATION

Yale University - BA Philosophy, Honors, Magna Cum Laude (2011 - 2015)

GPA 3.89

- Coursework highlights: Intro to Comp Sci, First-Order Logic, Mathematical Logic, Computability & Logic, Foundations for Statistical Analysis

App Academy - Web Development (Fall 2015)

- Competitive 12-week coding bootcamp with a 3% acceptance rate. Strong emphasis on code quality, design patterns, and algorithms.

Other Institutions: Australian National University (*Spring 2014*), University of Copenhagen (*Summer 2013*), Sogang University (*Summer 2012*)

SKILLS

Ruby, Rails, JavaScript, jQuery, React, Flux, HTML/CSS, SQL, git, TDD, Lisp

Vietnamese, Korean (conversational)

EXPERIENCE

Freelance Videographer - Americus, GA & New Haven, CT (2010 - 2015)

- Wrote, directed, and produced a number of award-winning short films, documentaries, and commercials, with budgets up to \$10,000.
- Managed crew of 20+ people. Past clients include Yale University, Yale DRAMAT, Campesino Cafe, Easterlin Organic Farms, et al.

PORTFOLIO anotherminh.github.io • GITHUB [anotherminh](https://github.com/anotherminh) • LINKEDIN <https://www.linkedin.com/in/minhngocln>