

# Minh Nguyen

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## PROJECTS

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

*A web application for making and sharing pixel art.*

- 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.
- Fast brush rendering with path-finding algorithm that overcomes the browser's limitations on the number of mouse events triggered.

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

*2-player terminal chess game.*

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

**Rails Lite** (*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.

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## 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*)

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## SKILLS

**Ruby, Rails, Javascript, jQuery, React, Flux, HTML, CSS, SQL, git, TDD, Lisp**

**English, Vietnamese, Korean (conversational)**

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## EXPERIENCE

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

- Wrote, directed and produced a number of 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, etc..

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