Matthew Lao

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LinkedIn: linkedin.com/in/laomatt   **GitHub:** github.com/laomatt   **Portfolio:** laomatt.github.io

LANGUAGES AND TECHNOLOGIES
- **Proficient:** Ruby, Rails, JavaScript, jQuery, AJAX, SQL, MySQL, AWS (S3, SQS, SNS), Firebase, HTML5, CSS3, Sass, HAML, Git, Bash Shell Scripting, TDD, RSpec, Factory_Girl, Capybara, Sinatra, PDFLib
- **Exposure:** Java, Android SDK, Python, PHP, Backbone.js, AngularJS, Konva.js, MongoDB, MATLAB, XML

PROFESSIONAL EXPERIENCE
Corefact Corporation | Full-Stack Software Engineer | Hayward, CA   2015 - Present
- Generated 600+ active users in < 1 week after launch through constructing ListAssist, a CMS for real estate agents to develop single property listing pages, utilizing Ruby on Rails, JavaScript and jQuery.
- Improved time for agents to launch housing sites by 1.5X with enhancements to UI/UX of marketing tool with HTML5, CSS3 and Sass to eliminate unnecessary page navigation.
- Reduced page load speed by >25% through optimizing queries to MySQL DB on Ruby on Rails RESTful API.
- Followed TDD to achieve 75% coverage of ListAssist codebase writing 25+ unit tests in RSpec and Factory_Girl.
- Saved company ~$275,000 annually by developing optimization tools to streamline warehouse processes of receiving and shipping orders by 20% using Easypost API integrated into Ruby on Rails backend.
- Took personal responsibility for helping and managing the engineering interns that come through the company intern program, by way of code reviews, QA, mentorship and generally being on hand to advise and help them.
- Created and maintained internal tools for engineering team, including git specific shell scripts to conform to company standards in terms of branch naming conventions and commit message structure, and a JS library for use to all engineers to reduce the amount of overall written code in the code base.
- Coordinated with APIs and their engineers including EasyPost to get accurate shipping rates to present to both customers and warehouse workers.

City College of San Francisco | Web Developer | San Francisco, CA   2014 - 2014
- Constructed information website and layout with HTML, CSS and JavaScript for fashion design department including course listings, faculty bios, and runway show scheduling.
- Designed flyers and posters for individual courses and runway shows in an attempt to boost attendance.

Rockstar Learning | UI Designer | San Francisco, CA   2012 - 2013
- Designed 100+ unique UI components for over 19 iOS mobile teaching applications using Adobe Photoshop.

RECENT PROJECTS
Daily Quicks | Software Engineer | live | code   2016
A platform for uploading and viewing reference photos in sets of poses for artists to draw.
- Built entire app including front-end presentation of slides and back end management of pictures with cloud AWS storage and background workers.
- Designed UI and UX for the slide show experience that randomizes pictures and poses to create a drawing experience for artists.
- Built admin portion of site for maintaining the website stats, users and slides.

Dinner Winner | Software Engineer | live | code   2015
A concept project to connect local restaurants and patrons through special deals and offerings.
- Built back end process for matching patrons and restaurants through deals and area/zip codes.
- Integrated yelp API to find and display restaurants based on location and fare.

DropBlox | Software Engineer | live | code   2015

A tetris style game that is built in vanilla javascript.
- Built entire game in vanilla javascript with a Sinatra backend.
- Added multiple patches and upgrades to combat front end hacking.

EDUCATION
City College of San Francisco, *Android Application Certification*   2014
Academy of Art University, *B.A. Illustration*   2010
University of California, Davis, *B.A. Math*   2008

VOLUNTEER WORK
Girl Develop It, *Software Engineer*   2015