AMY LIAO

» CONTACT «

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» SUMMARY «

I am a web developer with financial experience and client services expertise. My focus is on crafting modular, efficient, RESTful programs with balanced, empathetic design.

Languages spoken: English and Cantonese Chinese

» SKILLS «

LANGUAGES: Ruby, Javascript, HTML5, CSS3
FRAMEWORKS: Active Record, Ruby on Rails, jQuery, Sinatra, AJAX, Foundation, Bootstrap
TOOLS: GitHub, Heroku
TESTING: RSpec, Capybara, CircleCi, SimpeCov, Jasmine, Factory Girl
DATABASES: MySQL, PostgreSQL, SQLite
METHODOLOGIES: Agile, TDD, MVC, OOD, RESTful

» EDUCATION «

DBC Fellowship
Immersive technical fellowship focusing web development

San Diego State University
Bachelor of Arts Journalism and Media Studies
Minor in Television Film and New Media

San Deigo Mesa College
Associates of Science Business Administration

» PROJECTS «

MiddleGround
MiddleGround is a location based application that finds the midpoint between two people and sets a pre-selected activity to attend. MiddleGround seeks to take the indecisions between two friends away so the rest can be focused on spending time with the people you care about.
- Delved into Google Maps API to render the map display, directions, and implemented reverse geocoding using front-end javascript and ajax to improve user experience.
- Incorporated Foundations framework for a simple, responsive design which was instrumental in achieving a solid user experience in a mobile environment.
- Implemented Yelp API to pull a vast array of activities where the data was filtered by category, rating, and hours of operation, which omits closed locations or locations with a rating of 2 stars or lower.
- Incorporated Omniauth Auth0's platform, allowing users have a choice to log in using Facebook or Google Plus.

Cat-level-too-deep
A version of Stack Overflow that allows our users to ask questions, answer questions, and decide on which answer was the best for their question. Users can vote on any question, answer or comment. A user can also sort this information by popularity, recently posted or by tags.
- Built the back-end using Ruby on Rails to create questions, answers and comments and their corresponding relationships.
- Implemented AJAX for adding votes and comments.
- Utilized Active Record to manage the relationships with Users, Questions, Answers, Comments, and Votes.
- Implemented test driven development (TDD) utilizing RSpec, Factory Girl, and Shoulda Matchers.

» INTERNSHIP «

Survey Orangutan
Survey Orangutan is an application that allows a registered member to create, administer, and take surveys. The author of the survey also has access to the responses to the survey by other users. Our team incorporated an agile workflow using Trello and Slack to keep in constant communication with one another. The group utilized a Git workflow where members would create a branch name with the pending task from master, push the completed work and create a pull request, and the members of the group would review each others pushed work before merging it to master.

Mathletes
Mathletes is an application that allows a registered user to test their math skills with pre-made flashcards. The user is then able to see their scores at the end of the round as well as any rounds completed previously. The team used Trello to obtain an agile workflow and a Git workflow where the group members would create a separate branch from master to accomplish a task in the project, create a pull request, and have another member review the pushed work to ensure the requirements are met before merging the branch to master.

» EMPLOYMENT «

Caliber Home Loans, Inc.
Auditor · Oct 2013 to Aug 2015
- Analysis and quality assurance of mortgage loans while ensuring compliance with internal standards and Federal Bankruptcy Law.
- Active communication with attorneys to ensure all processes are completed timely and in accordance with established performance standards.
- Research and review missing checks/payments to resolve discrepancies found in the monitored accounts.

JPMorgan Chase
Discharge Auditor · Jul 2011 to Oct 2013
- Analyzed discharged loans to ensure accuracy in payments received from Trustees and debtors before closing loan from bankruptcy.
- Created payment histories on Excel worksheets to confirm payments received from Trustee and debtors.