San Francisco, CA
(415) 314-2923
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My Website
My Github
My Linkedin

Jiadai Liu (Jason)

Technical Skills

Languages: JavaScript, Python, HTML5, CSS3, SQL
Frameworks/Libraries: jQuery, Knockout.js (MVVM), Bootstrap, Jasmine, Grunt, webapp2, jinja2, Flask
Other: Git/GitHub, GIMP, Amazon Lightsail, Linux, Ubuntu, Google App Engine

Project Experience

Item Catalog - *https://github.com/jiadai777/ItemCatalog*   *August 2017*

- Created a multi-page, Python-based website where users can log in securely with their Google account
- Item and user information are database-driven, where information of logged in users and their items are stored in SQL database. Users can add, edit, and delete their items only.
- JSON endpoints are implemented for items, and third party can access them easily.

Multi-User Blog - *https://github.com/jiadai777/Blog-Project*   *June 2017*

- A blog website built using Google App Engine
- Users can register accounts and their passwords are securely hashed, and safely stored in Google's cloud database.
- Webpages are handled by Jinja2 templates, which makes code maintenance easier and code writing faster.

Arcade Game Clone - *https://github.com/jiadai777/Arcade-Game*   *July 2016*

- Clone of the classic game, Frogger. Udacity provided the art assets and game engine.
- Coded player, enemies, and other game entities in JavaScript's object-oriented pseudo-classical style.
- Created enemy subclasses with different movement patterns and sprites (edited art assets in GIMP)

Neighborhood Map - *https://github.com/jiadai777/Neighborhood-Map*   *July 2016*

- Single-page, responsive application built with Knockout.js framework and hosted on GitHub Pages.
- Developed a full-page map that loads with 20 popular bars and restaurants in Boston, MA.
- User can view recent pictures taken at each location (retrieved by AJAX request to Instagram API).

Work Experience

SFSU CARP – *Math and Physics Tutor*   San Francisco, CA | *May 2017 – August 2017*

- Tutored students one-on-one in calculus, physics, and statistics.
- Served as a TA in a math classroom of 15 students.
- Designed and developed one 30+ page calculus workshop slides and 10+ physics worksheets in two months.

UC Davis Student Housing – *Resident Advisor*   Davis, CA | *September 2011 – June 2012*

- Helped UC Davis freshmen move in and get settled on campus
- Planned and led 20+ social academic events to enrich freshmen's college lives
- Assisted freshmen when they need help, and directed them to the right resources when necessary

Education

San Francisco State University – *English, M.A.*   June 2018
Udacity – *Full Stack Web Developer Nanodegree*   August 2017
Udacity - *Front-End Web Developer Nanodegree*   July 2016
University of California, Davis – *Managerial Economics, B.S.*   June 2014

Honors and Activities

- English Department Social Coordinator   *August 2016 - Present*
- Teaching English as a Foreign Language Certificate   *May 2015*