STEFANIE LUU

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https://www.linkedin.com/in/stefanieluu/   https://github.com/stefluu/

SKILLS

JavaScript, jQuery, React, Redux, SQL, Ruby, Ruby on Rails, Rspec, Git, HTML5, CSS3

PROJECTS

InstaCube/Insta^3 *(Rails, React, Redux, Javascript, PostgreSQL, AWS, ActiveStorage)*   instacube.herokuapp.com
Faithful clone of the desktop version of Instagram

- Built API calls to populate a user's profile with the user's images stored via Amazon Web Services, reducing server-side impact and enhancing user personalization of profiles.
- Implemented logic to search for and follow other users, and interact with those users via liking and commenting on posts, increasing user experience and application engagement.

ColorOut *(Javascript, P5.js, HTML Canvas, CSS3, Webpack)*   stefluu.github.io/ColorOut
Single-player maze generator game which renders colorful shapes as you move towards the exit

- Utilized the P5.js draw function to create a unique, randomly-generated maze upon initial page rendering, and continue rendering to update user position during gameplay.
- Implemented a depth-first search algorithm with recursive backtracking for random maze generation.

BoredNoMore *(MERN Stack - Javascript, React.js) (In Progress)*   borednomore.herokuapp.com
App that recommends an event, activity, local movie showing, and restaurant per user-inputted preferences

- Using React, created entire frontend and integrated Yelp API and TicketMaster API to render components displaying query results on recommendations results page.
- Developed a modal-based signup form that dynamically renders the next input field upon user completion of the previous step, ensuring intuitive and user-friendly UI.
- Designed a minimalistic and intuitive results page for easy user comprehension, increasing user engagement.
- Collaborated in a team of 4 via GitHub workflow to create 1 cohesive application, ensuring continuity of user experience.

EDUCATION

App Academy - *1000-hour full-stack web development course, <3% acceptance rate* (2018)
University California @ Berkeley: Extension -*Course: "Javascript and jQuery: An Introduction"* (2016)
University California @ Davis - *BS - Biological Sciences (2012)*

EXPERIENCE

Hacker-in-Residence/Software Engineer Apprentice
App Academy Nov 2018 - Mar 2019
- Conduct technical interviews of coding bootcamp applicants, assessing algorithmic aptitude in Javascript, Ruby, Python, and Java, and providing constructive feedback.
- Conduct behavioral interviews of coding bootcamp applicants, evaluating their ability to perform at a high level under stressful conditions.

Clinical Laboratory Associate
Natera, Inc. Jun 2015 - Jun 2016
- Isolated plasma from ~480 blood tubes, and extracted DNA from 96 plasma samples per shift to ensure prenatal screening results within 2 weeks.
- Created detailed processing logs by documenting processing time stamps in real-time using bench worksheets and an electronic Laboratory Information Management System.

New Patient Coordinator
Pacific Fertility Center, Feb 2013 - Jun 2015
- Established the Chinese Patient Program by creating intra- and interdepartmental patient interaction protocols, reducing time allotment for Chinese patients by at least 50%.
- Documented patient progress in an Electronic Medical Records system and a billing system to maintain patient care continuity.
- Bookmarked hundreds of medical records to decrease processing time for physician review of medical history.