MOLLY WHITNACK

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SKILLS

Mastery:

HTML | CSS | Javascript | JQuery | Bootstrap | Java | Node.js | MySQL | Express Angular 1 | MongoDB | Firebase | React-Redux | React-Flux | React-Native

Experience With:

C++ | Gulp | Mathematica | Matlab | Python | SocketIo | PubNub | EJS Jade

PROJECTS

Yelp Favorites

- business recommendations you trust. YelpFavorites allows users to store favorite restaurants and view other user's favorite places .Includes secure user authentication and facebook login.
- Built with Javascript, HTML5, Angularjs, node.js , gulp, MongoDB

Mancala

- 2 Player mancala Game. Player must select stones from own side of board. If stones land in an empty hole, player collects stones from opposite side of board. If player lands in own store they get another turn.
- Built with Javascript, React, Flux, Node.js, mongoDB

The Daily Feels

- Emotion sensitive news search engine, built to help people analyze what they read on a daily basis and learn about the prevalence of emotional language used in the media.
- Built with react, redux, node.js, bluemix api, web scraping, MongoDB

Cards Against Humanity

- Multiplayer card game, playable anytime, anywhere. Players are dealt random hands of 7 white cards and card czar draws one random black card. Czar selects his/her favorite white card(s), points are awarded to player who's white cards are selected and winner becomes the new card czar.
- Built with JAvascript, HTML5, Angularjs, Node.js

Smart Safe (Earl Donick Most Awesome Award)

- Fully automated safe including keypad and password reset, phone line to dial emergency number on breach, power locks
- Built with arduino uno.

EDUCATION

University of California, San Diego — 2015

B.S. Physics with a specialization in astrophysics
Minor Computer science

Coding House — 2016

14 week live-in intensive web development boot camp

WORK EXPERIENCE

Physics & Java Tutor, AJ Tutoring - Menlo Park, CA — 2015

Tutoring for high school AP physics and Java students, including SAT and AP test prep

UCSD POLARBEAR Lab Assistant - La Jolla, CA — 2015

Maintained lenslets for telescope used to take first measurements of non-zero B-mode angular power spectrum