Alex Leibowitz

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EXPERIENCE

- **Coding Dojo** — Chicago, IL
  Full Stack Developer — *February 2018 - Present*
  - **Great Ideas (C-Sharp Capstone)**: C-Sharp web application using .NET MVC with Entity Framework and MySQL. Users can register / login (with front-end and backend validations), post ideas, and view a list of ideas posted by other users ordered by date. Users can like posted ideas. Posted ideas link to view page displaying the original poster, the number of likes received, and a list of users who liked it. User page displays number of ideas posted and number of likes received. Uses Bootstrap for front-end styling.
  - **Pet Shelter (MEAN Capstone)**: Single page application using Angular on the front-end, Node with Express.js, Mongoose and MongoDB on the backend. Users can view a list of pets available for adoption (ordered by breed), adopt a pet (remove it from the database), add a pet, and view / edit a pet. Form to add pet includes front-end and back-end validations. Pets have associated list of "special abilities."
  - **Travel Buddy (Python Capstone)**: Python application using Django and MySQL. Users can register / login (with backend validation). Users can schedule a trip and view a list of scheduled trips broken down into categories: trips the user has scheduled, trips the user has joined, trips other users have scheduled. List actions include removing the trip (if the user created it), joining the trip (if the user did not create or join it), and leaving the trip (if the user joined it). A trip page lists basic trip information (date, itinerary) and other users joining. Trip creators have additional option to remove other users from a trip. Previously deployed project to AWS using Gunicorn.
  - **Modernize (HTML and CSS Capstone)**: Interior design themed landing page proving mastery of styling concepts in HTML and CSS including box-model system for page layout, CSS targeting, element positioning, and gradients.

PROJECTS

- **MulTacToe**: Group project in Node with Express.js and Socket.io using Git and GitHub for version control. Users can login and register (with front- and back-end validation). Upon login, user can access the game, where she can see a list of open games (an open game has a creator but no second player), join a game, and check user scoreboards). In-game, users can chat with each other and play Tic Tac Toe (fully functional game logic tracks ties, wins, and losses). Finally, scoreboard shows a list of wins and losses for each user as well as user's ratio of wins to games played. Scoreboard allows users to sort games by category.
- **Spotify**: Group project in Python with Django and MySql using Git and GitHub for version control. Users can login and register (with validations). On login, website creates an interface for the Napster API using the song as the basic unit of analysis. Users can view a list of songs in pre-selected genres. Clicking on a song allows users to view information about the song, including related artists and albums. Users can add songs to their favorite list and listen to exerpts of songs. User page shows a list of songs each user has liked and some profile information.
- **Page Viewer**: React App parses JSON data (a list of quotes) into a series of pages, displaying current page and total pages. User can change page and page size as well as filter data by category (movies, games, all) and quote text. Application updates state dynamically in response to user input. (Developing another version using Python and Ajax.)
- **Pacman**: Javascript Pacman game with randomly generated obstacles and user-controlled Ninja. User can score points by eating sushi. A pumpkin chases the user around the board with death on collision. Game ends when the user has died three times.

EDUCATION

- **UC Santa Barbara** — Santa Barbara, California
  Candidate in Philosophy, Masters in Philosophy, Masters in Classics; GPA: 3.92 — *Aug. 2007 – July. 2012*
- **Reed College** — Portland, Oregon
  Bachelor of Arts in Classics (Latin and Greek); GPA: 3.80 — *Aug. 2002 – Dec. 2005*

OTHER EXPERIENCE

- **Teacher** — China
  TEFL, History, Literature, Philosophy, GMAT, ACT — *August 2012 - June 2017*