Kelly A. Halfaker

San Diego, CA • halfakerkelly@gmail.com • 858-386-9224
github.com/KellyHalfaker • www.linkedin.com/in/kellyhalfaker/

Full-Stack Software Developer

In transitioning from studying psychology to coding, I've been able to apply my skills in analyzing human thought processes to their artificial counterparts: software. My studies of human cognition have helped me approach programming languages as logical frameworks, enabling me to resolve errors and bugs by mentally stepping through the computer's sequential processing of written code. Additionally, I have been able to transition between different programming languages by recognizing the similarities of logical procedures, making working in multiple languages and learning new frameworks a relatively easy transition for me.

Skills: JavaScript, Vue.js, Ruby, Rails, HTML, CSS, SQL, Postgres, APIs, and Git.

Experience

Actualize, Web Developer   **June 2018 - September 2018**

- **Flock:** Personally developed app which allows a user to search, RSVP to, and comment on events posted by others to the app. These events are displayed on the homepage as both pins on an interactive map and as a list of individual cards that can be scrolled through and filtered. Users can create events of their own and view a chronologically ordered list of events to which they have RSVP'd. The backend of this application was built using Ruby on Rails while the frontend was built in VueJS. It utilizes Google Maps API as well as the natural language processing API from IBM's Watson to generate suggested tags for events upon their creation, facilitating relevant filtering during searches by other users.
- **Bootcamp:** Attended and completed the Actualize coding bootcamp, including four weeks of remote pre-work and twelve weeks of in-class instruction. Gained an understanding of software engineering related to full stack web development (Ruby, JavaScript, HTML, CSS, SQL, Postgres, APIs) as well as programs and frameworks more popular in current business practices (Git and Github, Bootstrap, Rails, VueJS). Learned how to approach coding and debugging methodically, particularly through understanding of scope and the call stack.

Calvary Preschool, Substitute Teacher   **September 2017 - December 2017**

- Originally worked with the children (aged from two and a half to five-years-old) at Calvary as part of a field study course taken while earning my BA in Psychology. Worked during the internship (June 2017 - September 2017) helping supervise the children and resolving conflicts between them in addition to conducting academic research.
- Offered and accepted a paid position as a substitute teacher upon completion of the internship. Given more responsibility and independence in watching over and maintaining a safe environment for the students. Coordinated with the other teachers in the preparation and execution of their lesson plans and also helped prepare meals, including the related housekeeping.

Education

University of California, Santa Cruz: Bachelor of Arts in Psychology   **2017**

- 3.73 cumulative GPA - Graduated Cum Laude

References

- Available upon request