Michael Moss | Software Engineer

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I'm a full stack software engineer fascinated by technology's transformative power. My background training students in logical proficiency and problem solving under pressure has honed my ability to collaborate effectively with diverse teams. Long-term, my aspiration is to be a part of the unfolding artificial intelligence revolution.

SKILLS

Web Development: JavaScript, Python 3.7, React.js, Express.js, Django, MongoDB, Mongoose, HTML5, CSS3, Bootstrap, Trello, Heroku, Node.js, Git, MERN Stack, AWS

Software: Microsoft Visual Studio, Canva, Microsoft Office (Word, Excel, PowerPoint)

SOFTWARE DEVELOPMENT PROJECTS

reHomr - *Pet Adoption Platform*   **December 2023**
- Worked in a team of three using gitHub to build a MERN Stack application to facilitate pet adoption
- Managed user access control for adopters, adoption organizations and logged out users
- Integrated the Google Maps API to provide distance information allowing users to browse nearby pets
- Designed and created a visually appealing and user friendly front-end using HTML, CSS and Javascript

Simmr - *Culinary Recipe Database*   **November 2023**
- Worked with two teammates to build a Django Stack application to facilitate the finding and sharing of recipes
- Built full CRUD operations for recipe and review data entities
- Integrated Amazon Web Services to store user's pet photos and adoption organization's logos
- Created wireframes and entity relationship diagrams using figma and managed team with trello

Wardrobe Aspiration Library (WAL) - *Apparel Based Social Network*   **October 2023**
- Created an application to allow users to catalog and share references to apparel items listed for sale on the web
- Built an Express.js server to communicate with MongoDB for storage and retrieval of user and apparel data
- Integrated user authentication using Google OAuth

PROFESSIONAL EXPERIENCE

The Central Assumption LSAT Preparation, *Founder*   **July 2020 - Present**
- Taught students the logic and problem solving skills necessary to excel on the Law School Admissions Test (LSAT)
- Designed and implemented a successful curriculum to teach LSAT skills to students at all levels
- Managed budgeting, scheduling, marketing and customer relations

Blueprint LSAT Prep, *Class Instructor*   **January 2015 - June 2020**
- Taught in person LSAT preparation courses for classes of more than 50 students
- Achieved the largest average score improvement of any Blueprint class nationwide
- Consistently garnered positive reviews on social media to increase business for Blueprint Prep

Summit Achievement, *Wilderness Therapy Guide*   **October 2012 - September 2013**
- Collaborated with a multidisciplinary team of therapists outdoor wilderness guides and medical staff, to design and lead therapeutic backpacking trips through the wilderness of Maine

EDUCATION

General Assembly - *Software Engineering Immersive*
University of California San Diego - *Bachelors of Arts, Psychology*