Ryan Addiego

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Education

University of Southern California – Viterbi School of Engineering   *December 2022*
B.S. - Computer Science

Technical Skills

Languages: Python, Java, JavaScript, HTML, CSS, C/C++, SQL
Technologies: AWS S3, Tableau, SwiftUI, React, Agile, Gatsby, Node

Experience

Dine With Nomi
Software Engineer (Part-Time)   *August 2022 - December 2022*
Software Engineer (Internship)   *January 2021 - May 2021*
- Leveraged JavaScript and CSS as a full-stack engineer, focusing on the expansion of an innovative QR-based menu system by shaping it to be more restaurant friendly.
- Led the three person Nomi Engineering team to design and implement a user-friendly interface using tools such as Gatsby and Node, ensuring seamless navigation for customers and restaurant owners.
- Constructed a UX Design centered dashboard that was distributed to restaurant owners to support menu updates and implemented Single Sign-On (SSO) using React, leading to a streamlined menu setup and maintenance process for restaurant owners.
- Directed comprehensive research surrounding advertisement services, evaluating ad viability to determine optimal solutions. Selected Google AdSense and orchestrated the initial implementation.
- Corrected technical qualifications for Nomi to adhere to Google AdSense and implement the service into the diner-facing side of the system, allowing Nomi to meet sales goals by further monetizing the platform.

Avenue 8
Software Engineer Intern   *June 2021 - August 2021*
- Independently engineered a sophisticated private sales data page for real estate agents, demonstrating proficiency in adhering to site-defined styles and code standards.
- Leveraged knowledge in JavaScript and React to integrate automated Tableau data, reducing time spent customized building Tableau reports, allowing agents immediate and continuous access to vital sales data tables.
- Incorporated user-centric design principles to enhance the overall user experience on the private sales data page, fostering stronger relationships between Avenue 8 and agents through transparency of sales results.
- Implemented error handling mechanisms and efficient debugging processes during the development phase after proactively identifying edge cases.
- Engineered the private page ensuring scalability, allowing for potential expansion and accommodation for increased data volumes as sales grow.

Projects

Caregiver Navigator | App Development   *Spring 2022*
- Developed a web application dedicated to supporting dementia patients, fostering connections between patients and caregivers to essential medical counseling and education.
- Led the UI design process and front-end development, skillfully integrating medical information on dementia for user-friendly consumption.
- Collaborated with project partner to achieve a fully translated version of the site in Arabic, allowing the application to be utilized by a wider user base in one of the team's target geographic regions.

MoveIntel | Website Development | App Development   *December 2022*
- Led a collaborative effort in a full-stack website and iOS app development process with the goal of providing athletes with direct access to physical therapists, personalized recovery plans, and performance statistics.
- Instrumental in enabling users to seamlessly upload personal exercise videos to an AWS S3 Bucket.
- Implemented integration with MoveIntel's AI Scoring scale, enhancing the app's capability to analyze and provide valuable insights based on user-generated content.