RAYMOND F. AREVALO

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EDUCATION

UC San Diego   2014-18
- B.S. Cognitive Science w/ spec. In Human Computer Interaction
- Minor in Computer Science
- Extensive coursework in computer science and user centered design

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EXPERIENCE

Media Director - Rotaract   2015-16
- Designed and developed a user-centered website that led to increase user retention and user satisfaction.

Web Engineer - KSDT College Radio   2016-17
- Assisted with designing and developing responsive radio station web applications
- Increased user experience by designing and implementing detailed digital mock-ups that focused on following visual design and heuristic evaluation principles

Lead Front-end Developer - DataREACH   2015-Present
- Designed, developed, and maintained the website for DataReach
- Lead in integrating front end development to the back-end of a GO web application

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PROJECTS

Music Application Redesign
- Led team of 4 students in the redesign process of a mobile music streaming application. By taking a simple approach to redesigning the information architecture of a music application, it provides a intuitive way for users to construct, manage, and search for music and playlists.
- Conducted user interviews, tested workflows, did a competitive analysis of information architecture of major music applications, and produced a prototype redesign of Spotify and Apple Music.

Soccer App
- Led team of 2 students in designing and building a user centered progressive web application (PWA) to help manage a soccer team. Optimized performance to meet RAIl standards.
- Used CRUD principles, javascript, html, css, bootstrap, and cloud firestore.
- Built wireframes and product prototypes using invision and axure

FitData
- Led team of 3 students in building a user centered Node.js web application to further user contribution in health science research.
- Conducted user research, heuristic evaluations, and produced detailed wireframe and prototypes to develop the final design solution.

Something Fun
- Part of a team of 4 students that developed a data science project that saw to reshape the understanding of the relationship between gentrification and crime in lower class neighborhoods
- Earned recognition as part of "Top 10 projects" and was able to present the project to DJ Patil, the former Chief Data Scientist of the United States Office of Science and Technology Policy

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SKILLS

- C/C++, JavaScript, jQuery, HTML, CSS, Java, Python 3
- Usability Testing, Information Architecture (IA), User Research and Persona creation, Wireframe production, Interaction design, A/B, User Testing, Affinity Diagramming
- Experience with Firebase firestore, Photoshop, invision, axure, PHP, Node.js, Express