

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

EXPERIENCE

Media Director - Rotaract 2015-16

- Designed and developed website for Rotaract at UCSD focused on optimizing user experience

Web Engineer - KSDT College Radio 2016-17

- Assisted with designing and developing radio station web applications
- Designed and implemented digital mock-ups which optimized user experience and user interface by following visual design and heuristic evaluation principles

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, prototyping, wireframing, and heuristic evaluations to develop the design solution.

WaterTracker

- Identified the design problem and design solution of a user centered water usage tracking system through the use of user research, prototyping, and wireframing.

SKILLS

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