Elmer Barrera

UX Research & Design

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EDUCATION

B.S. Human-Computer Interaction
Minor in Design

University of California, San Diego

Expected Graduation June 2018

SKILLS

Research

Heuristic Evaluation
A/B Testing
User Interviews
Affinity Diagramming
Storyboarding
Persona Building
Ethnography

Design

Pen + Paper
Photoshop
Illustrator
Sketch3
Invision

Other

HTML5/CSS3
Spanish Fluency

COMMITMENTS

Design at UCSD
Vice President, 2016 – Present

Working with alumni, faculty and industry to build the undergraduate design community at UCSD. Led workshops on design thinking and design tools.

UC San Diego Dragon Boat
Active Member, 2014 – 2016

Competitive collegiate sports team. 12 hour weekly commitment. Led strength training sessions for novice weightlifters.

EXPERIENCE

Division of Biomedical Informatics at UC San Diego
Research Assistant, Sept 2016 – Present

NSF funded project focused on developing an unobtrusive awareness system to help Latino families improve family routine. Conducted literature reviews, and user interviews in Spanish.

The Design Lab at UC San Diego and SAP
Design Research Intern, April 2016 – Dec 2016

Worked with SAP to explore a system that helps scale design thinking within higher education. Previously partnered with Planet3 and led a design research team to better understand the needs of K-12 teachers.

UserZoom
User Research Analyst, June 2015 – Feb 2016

Analyzed ethnographic video data to better understand users' behaviors and their perceptions of various digital products.

PROJECTS

Museum Wayfinding Research
The San Diego Museum of Man, Jun 2016 – Mar 2016

Conducted in-field ethnographic research on the museum's wayfinding system. Insights led to a redesigned museum map and proposal for a lobby redesign.

Web Design
The Art of Espresso, Mar 2016 – Jan 2016

Revamped local business' website to fit the needs of the client and users. Developed mobile-first, responsive site wireframes, and hi-fidelity prototypes. Assisted in front-end development.