

Edward Roberts

edwardpayneroberts.com

edparo83@gmail.com

(505) 710-8905

Education

Master of Human-Computer Interaction + Design

University of Washington, Aug. 2017 Graduation

Bachelor of Science in Materials Science & Engineering

University of Washington, Dec. 2014 Graduation

Experience

Experience Designer

NASA Capstone School Project, Jan. 2017 - Present

Partner with NASA JPL to research, design, and evaluate a 3D information visualization for the Europa Clipper Mission

Conducted extensive formative research with 12 participants and 5 experts.

Service Designer

Laundromat Experience School Project, Apr. 2017 - Present

Redesign the laundromat service so that it creates a positive customer and information experience.

Interviewed 5 participants; constructed 2 personas; mapped 1 customer journey; designed 3 user interfaces thus far.

Research Engineer

University of Washington Bioengineering, Jun. 2015 - Sep. 2016

Collaboratively mastered complex processes to fabricate functional nano-fiber drug delivery prototypes

Performed statistically controlled experiments to empirically control the interaction of air, electricity, and plastic.

Physical Prototyping Intern

Toray Composites, Jun. 2014 - Sep. 2014

Tested alternative testing methods to fulfill client data needs.

Iteratively prototyped 20 different carbon fiber prototypes to validate fabrication methods.

Skills

Design Research
Ideation Methods
Sketching
Storyboarding
Wireframing
Interface Design
Physical Prototyping
Mobile Design
Evaluation Research

Software

Photoshop
InDesign
Illustrator
Sketch
InVision
Principle
Framer.js
Rhino

Code

HTML
CSS
Javascript
Python