

Michael Fernandes

User Experience Design

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Experience

User Experience Design

Design Use Build (DUB)¹ Jun '16 - present

- Designed and engineered 7 Data Visualizations for use on mobile screens
- Evaluated designs with Surveys, Usability Tests and Quantitative Experiments
- Drove final design decisions based on quantitative usage data of prototype

Teacher Assistant

University of Washington Sep '16 - Jun '17

- Led class on User-Centered Design in a 2 hour lecture
- Facilitated brainstorming sessions in group environments
- Tailored explanations to needs of individual students

Web Design

Travel Smart Medical Clinic Sep '15 - Dec '16

- Created a web portal for patients seeking care at clinic
- Used social media marketing to drive click through rate

Projects

Design Research and UX Design

Tongle² Spring '17

- Created a mobile phone app to collect Road Usage Data
- Used Participatory Design and an Inclusive Design process
- Formulated designs to accommodate values of users

Volunteer

User Experience Design

Seattle Children's Hospital Fall '17

- Iterated on visual design and usability of a post operation self care app
- Worked side by side with engineers to create app and explain design

Inclusion Outreach

UW Pipeline³ Winter & Spring '17

- Led design workshops with 100 middle school students over 4 days
- Introduced low income community to Design thinking and rapid prototyping

Education

University of Washington

Human Centered Design & Engineering, Concentration in *HCI*
Graduated in Spring 2017

Technical Tools

JavaScript
HTML | CSS
React | D3.js
Python

Design Skills

User-Centered Design
Rapid Prototyping
Data Visualization
Modular Design

Research Skills

Moderated Usability Studies
Unmoderated Usability Studies
User Research
Quantitative Analysis
Exploratory Research

Recognition

ACM CHI 2018 Conference:
*Honorable Mention for Best Paper*¹

HCDE Capstone Open House:
*Best in Show*²

Mobile Innovation Challenge:
*Grand Winner*²

HCDE Graduation:
*Special Recognition For Service*³