ANDREW NGUYEN

Designer - Developer - Researcher

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Portfolio: andrewdnguyen.me
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EDUCATION

**Cognitive Science
Design and Interaction B.S.
Minors in Design and Computer Science**

University of California, San Diego
June 2020

TOOLS/SKILLS

User-Centered Design Methods

Figma, Illustrator, and Photoshop

Miro, FigJam

User Research and Ethnography

Google Analytics

Presentation and Documentation

**HTML, Bootstrap, CSS/SCSS, JS/TS,
Node.js, React, Angular, NGRX**

EXPERIENCE

ARUP

Consultant (UX / Experience Design)
Apr 2022 - Present

- Engaging with clients to generate usable, accessible, and equitable solutions through a user-centered approach
- Leading internal research and initiatives to expand Arup's user-centered/experience design practice

Graduate Digital Consultant
Sep 2020 - Apr 2022

- Designed and developed digital and software based solutions which automated workflows, enabled remote work, reduced overhead costs, and visualized data/calculations
- Worked with stakeholders across a large variety of sectors including: Aerospace, Real Estate, Manufacturing, Cities, Transportation, Non-profit, Energy and Sustainability

Intern Web Developer
Jul 2019 - Sep 2019

- Implemented new features for an internal dashboard which saved 2+ weeks of staff time per project deployment
- Introduced usability testing as part of the development team's workflow. Planned and executed 10+ sessions

HUMAN-CENTERED EXTENDED INTELLIGENCE (HXI) LAB

Design and Research Project Lead
Jan 2019 - Present

- Leading a team of 2+ designers to create and test a prototype for a proposed AI stroke-diagnosis tool
- Conducted usability tests and interviews with 100+ potential stakeholders and users

PROJECTS

Other projects can be found at: andrewdnguyen.me

EV PRODUCTION SITE-SELECTION DASHBOARD

Miro, Figma, Teams

- Worked with a confidential EV client to create a dashboard for calculating optimal locations for EV factories
- Engaged in workshop sessions and interviews with the client to determine user needs
- Created mockups to validate client's vision and guide developers
- Dashboard simplified the client's workflow from ~6 months to a few minutes

WWW.COOLROOFS.ARUP.COM

Miro, Figma, Teams, Webflow

- Designed/implemented a toolkit for findings related to cool roofs implementation work done with non-profits in Mexico
- Conducted need-finding exercises with stakeholders to determine optimal medium and content for the toolkit
- Mapped out information architecture and created mockups to guide site development
- Created site using Webflow which saved 80+ hours of developer time and enabled easy content updates