AN

ANDREW NGUYEN

Designer - Developer - Researcher

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github.com/andrewdnguyen/
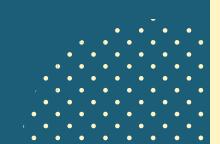linkedin.com/in/andrewduynguyen/

EDUCATION

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

University of California, San Diego
September 2016 - June 2020

SKILLS

Research Methods and Data Analysis
HTML, Bootstrap, CSS/SCSS, JS/TS,
Node.js, React, Angular, NGRX
Google Analytics
Java, C, and C++
Figma and Photoshop
Needfinding and Paper Prototyping
Presentation and Writing

EXPERIENCE

ARUP
Intern Web Developer
Jul 2019 - Sep 2019

- Designed and implemented several new features for an in-house dashboard web-application using Figma, HTML/CSS, Angular, and NGRX
- Introduced user testing as part of the development team's workflow and ran 10+ user testing sessions

HUMAN-CENTERED AND UBIQUITOUS COMPUTING LAB
UX Developer and Researcher
Jan 2019 - Present

- Developing and designing a web-based interface with React for Ubistroke, a project which utilizes machine learning algorithms to diagnose stroke through Microsoft's Kinect
- Working closely and conducting interviews with neurologists at UC San Diego's Stroke Center in order to collect data and learn about workflow

COGNITION AND COGNITIVE NEUROSCIENCE LABORATORY
Lab Coordinator and Web Designer
Mar 2018 - Present

- Responsible for managing a team of around 10-12 undergraduate researchers
- Developing and maintaining a fully-functioning new website for the lab using HTML, CSS, and Bootstrap

PROJECTS
Further details and other projects can be found at: andrewdnguyen.me

DIABAND
React, Firebase Realtime Database, HTML, JS, CSS, Bootstrap

- Developed a front-end React-based web application for a prototype continuous glucose monitoring device for children
- Used the Firebase Realtime Database to store data for the application
- Created paper as well as augmented reality prototypes which were used for testing

TOXICON
HTML, CSS, JS, Node.js, SQL, IBM Watson API

- Application for inputting video game voice and text communications in order to determine online toxicity
- Programmed using Node.js for back-end and HTML/CSS/JS for front-end
- Used IBM Watson API to transcribe audio and text input and run emotional analysis on transcriptions
- Stored and managed application data using SQLite

LA GREEN NEW DEAL MOBILITY PROJECT
Personas, Competitive Analysis, Photoshop, Presentation

- Tasked with proposing an idea for Arup to help Los Angeles meet its Green New Deal mobility goals
- Performed competitive analysis on solutions proposed by outside activist groups and LA Metro
- Generated several personas to narrow idea scope and understand LA's needs
- Used Photoshop to visualize and present the proposed solution to Arup's senior engineers and consultants