

Maggie Chan

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EDUCATION

UNIVERSITY OF CALIFORNIA SAN DIEGO

HCI/INTERACTIVE DESIGN IN COGNITIVE SCIENCE

- Minor in Psychology
 - Minor in Entrepreneurship and Innovation
- Expected June 2018 | La Jolla, CA

COURSEWORK

UNDERGRADUATE

Engineering Design
Interaction Design
Usability Information Architecture
Civic Design
Innovation to Market
Design for Development
Cognitive Design Studio
Cognitive Ethnography
Distributed Cognition
Social Cognition
Research Methods
Data Science

SKILLS

SOFTWARE

Familiar:
HTML • CSS • SolidWorks • Inventor •
AutoCAD • Java • Debugging •
Matlab • Sketch • Unity • Figma •
InVisionApp • Adobe Illustrator •
Adobe Photoshop

HUMAN/USER INTERACTION

Rapid Prototyping • ELAN • Affinity
Diagrams • Journey Maps •
Needfinding • User Research •
Contextual Interviews • Competitive
Analysis • Storyboarding

LANGUAGE

English • Mandarin • Cantonese

EXPERIENCE

RESEARCH ASSISTANT | UC SAN DIEGO DESIGN LAB

Jan 2018 | La Jolla, CA

- User Research and Visualization Design
- CommunityCrit is a crowd-sourcing platform that allows the public to partake in the urban planning process. It allows the public to influence decisions that directly affect, while making sure their ideas are feasible through professionals.

UX/PRODUCT DESIGNER INTERN | ENVISION MAKER STUDIO - UCSD JACOBS SCHOOL OF ENGINEERING

July 2017 – Sep 2017 | La Jolla, CA

- Worked in an interdisciplinary team to design Birch Aquarium an Interactive Albedo Exhibit that was both robust and scientifically accurate.
- Presentation Poster: Albedo

INSTRUCTIONAL CODING ASSISTANT INTERN | THOUGHTSTEM

June 2017 – July 2017 | La Jolla, CA

- Aided in introductory coding courses that focus on Java and Arduino for children between the ages of 7-17 years old.

PROJECTS

M.I.A. | USER RESEARCHER/DESIGNER

Fall 2017 | La Jolla, CA

- Designed an AI instructional assistant that helps build good driving habits; visual cognitive load is reduced with real time audio feedback.
- Medium Article: M.I.A. Design Process

SPOTIFY REDESIGN | USER RESEARCHER/INTERACTION DESIGNER

Fall 2017 | La Jolla, CA

- Analyzed and compared Spotify and its features to other music apps to determine areas of usability improvement in playlist creation and song deletion.
- Google Drive : Spotify Redesign Process

EAT HAPPY | USER RESEARCHER/INTERACTION DESIGNER

Fall 2017 | La Jolla, CA

- Utilized HTML and CSS to create an app that takes into account dietary restrictions and preferences when providing well-balanced meals to families.
- YouTube: Eat Happy Demo

HACKXX - ESCAPE FROM WONDERLAND | CODER/DESIGNER

Spring 2017 | La Jolla, CA

- Worked on/with concept visualization, user experience, Unity3D, and C to create a Virtual Reality Escape Room in a 24 hour time frame.
- <https://devpost.com/software/escape-from-wonderland>

AWARDS

2017 1st in UCSD's first all-women's hackathon, HackXX
2017 1st in Civic Good Data Analysis Project
2017 Provost Honors

SOCIETIES

2016-Current Alpha Phi Omega National Co-Ed Service Society
2016-Current Cognitive Science Student Association
2016-Current Design at UCSD