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

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

DATA SCIENCE | Researcher/Data Analyst
Spring 2017 | La Jolla, CA
- Used Python to analyze the correlation between road conditions in relation to transit stops and parking meters through clustering and visual heat maps on a longitude and latitude graphing program.

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