

Tony Chan

UX/UI Designer & Fullstack Developer

Designer & developer with startup experience in creating and implementing elegant, engaging, and functional interfaces

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Work Experience

Webmaster

AS Graphic Studio

12/2017 - Present La Jolla

Design solutions for UCSD students, faculty and staff

- Work alongside other campus organizations to create content for events
 - ❖ User flows/scenarios, stakeholder analysis
- Develop web pages for client projects
 - ❖ Bootstrap, HTML, CSS, Javascript, heuristic evaluation, site mapping, rapid prototyping, Google A/B testing

Webmaster Intern

TicktBox

09/2017 - 12/2017 San Diego

An intelligent digital marketing & ticketing platform

- Design and development of web pages & applications, graphics, multimedia, and GUIs for client projects
 - ❖ PHP, JavaScript, AJAX, MySQL, CodeIgniter 3

UX/UI & Software Development Intern

64Pos

06/2017 - 09/2017 San Diego

Point-of-sale software for modern medical dispensaries

- UX/UI Project: A newsletter app for B2B professionals
 - ❖ Skills: competitive analysis, wireframing, prototyping, Photoshop, inVisionApp, site mapping
- Software Project: A point of sale web platform
 - ❖ Implement components of a website which helps businesses coordinate inventory, employees, patients, sale limits, alerts, flower stages, cash flow, etc.
 - ❖ PHP, Javascript, Java Microservices

Instructional Assistant

University of California, San Diego

01/2017 - 06/2017 La Jolla

Courses:

- Data Science in Practice
 - ❖ Create extensive Jupyter notebook assignments
 - ❖ Host labs for 1 on 1 assistance for students
 - ❖ Material: Python, JSON, XML, SQL, PCA, model validation techniques, k-means clustering, text mining
- Intro into Statistical Analysis
 - ❖ Lead weekly discussions with 20+ students, office hours, and review sessions
 - ❖ Material: Z, T, & Non-parametric tests, ANOVA, Chi-squared, probability, combinatorics

Education

B.S. Cog-Sci: Human Computer Interaction Minor in Computer Science

University of California, San Diego

09/2014 - 12/2018

3.7/4.0

Relevant Coursework:

- Interaction Design
- Computer Organization & Systems Programming
- Advanced Data Structures
- Data Science in Practice
- Pro Web Design Practicum
- Interaction Design Startup
- Design for Development
- Usability & Info. Architecture
- Modeling & Data Analysis
- Cognitive Design Studio
- Civic Design
- Media & Design Practicum

Personal Projects

EventQR

01/2017 - 03/2017

- A web based application which generates and scans QR codes for events and automatically syncs the details (date, reminder interval, location, etc.) into Google Calendar
- Storyboarding, prototyping, wireframing, site mapping, usability testing, statistical testing, & Google A/B testing
- HTML, CSS, & Javascript
- Demonstrated the application for an audience of 300+

M.I.A.

09/2017 - 12/2017

- Help build good driving habits with an AI teaching assistant who reduces visual cognitive load by providing real time audio feedback on the surroundings
- Design Forward San Diego 2017 competition
- Adobe Illustrator, Figma, storyboarding, competitive analysis, prototyping, wireframing, site mapping, & usability testing, user interviews, surveys

Skills

UX/UI

- Adobe XD
- inVisionApp, Figma
- GravitDesigner
- Storyboards/Personas
- Interactive prototyping
- Heuristic Evaluation
- User flows/scenarios
- User interviews
- Google Analytics

Software Development

- HTML, PHP, CSS
- Javascript, JQuery, AJAX
- Bootstrap
- C/C++, Valgrind, GDB
- Java, J-Unit Debugging
- Python, NumPy, SciPy
- Multithreading
- Google Play Services
- Git