


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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<https://gmtchan.github.io> 

Work Experience

Webmaster Intern

TicktBox

09/2017 - Present 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
 - ❖ Photoshop, Illustrator, Figma

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 cannabis professionals
 - ❖ Skills: Competitive analysis, wireframing, prototyping, Photoshop, inVisionApp, site mapping
- **Software Project:** A point of sale web platform
 - ❖ Implement components of a B2B 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 personalized 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

Supervisor

UCSD Recreation

05/2015 - Present La Jolla
Tasks/Achievements:

- Maintain direct leadership, general supervision, regulations, and customer service
- Supervisor of the Quarter Award (Fall 2016)

Education

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

University of California, San Diego

09/2014 - 06/2018 3.65/4.00

Relevant Coursework:

- Interaction Design
- Computer Organization & Systems Programming
- Advanced Data Structures
- Data Science in Practice
- Math/Algorithms & Systems Analysis
- 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+

Sharedrobe

08/2017 - 09/2017

- A concept design for a crowd source clothing rental app. Ship or meet up with others to rent clothes for an affordable price.
- Adobe Illustrator, Adobe XD, Storyboarding, competitive analysis, prototyping, wireframing, site mapping, & usability testing

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