Tony Chan

UX/UI Designer & Fullstack Developer

tonychan96@gmail.com ✉

(714)-333-8614 📱

https://gmtchan.github.io 🌐

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

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 Juypter 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 – 06/2018   *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