

Alex Tai

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EDUCATION

Santa Clara University | Santa Clara, CA

Bachelor of Science in Computer Science and Engineering

June 2019

Minor in Innovation, Design, and Entrepreneurship

Coursework: Operating Systems, Computer Architecture, Embedded Systems, Logic Design, Computer Systems and Assembly Language, Digital Integrated Circuit Design, Innovation and Entrepreneurship Seminar

EXPERIENCE

SCU Presents | Santa Clara, CA

Marketing Assistant & Event Technician

Feb 2017 – Present

- Created digital and print marketing materials for over 60 productions a year
- Developed iOS Application for ticketing system and marketing analytics for over 9,000 members
- Provided technical support for performing and speaking events weekly of audience sizes up to 250

Taiwanese Lacrosse Organization | Taipei, Taiwan

Design Coordinator & Webmaster

Jan 2014 – May 2015

- Redesigned taiwanlax.org and boosted daily web traffic by 500% with Google Adwords
- Designed organization logo, t-shirts, and jerseys with Adobe Illustrator & InDesign
- Assisted TWLA to become 52nd country in Federation of International Lacrosse

National Taiwan University | Taipei, Taiwan

Circuit Board Design and Fabrication Intern

Jun 2014 – Aug 2014

- Learned circuit board fabrication, under Shau-Gang Mao, Professor of Electrical Engineering
- Designed and fabricated two circuit boards from scratch up with EAGLE and Fritzing

PROJECTS

XPerience Integrator | app to aid students and industry professionals in resume and portfolio creation

- Integrated Python's package, Tkinter, to create basic GUI for data input
- Used PHP to read/write user data on MySQL database
- Created a website to auto-generate formatted database information

WashTime | iOS app that alerts students of washer/dryer availability and completion

- Implemented POST requests between Raspberry Pi and server; used Firebase to relay data
- Created iOS app with Swift that detects status of sensors and designed user notification system
- Used Python backend and PHP backend to reroute requests to Firebase database with AWS server

SmartMix | digital service to create a community that brings together individuals of various talents & fields

- Competed in UCSC Center for Innovation & Entrepreneurial Development's Pitch Slam 2015
- Won \$500 as one of the top four business pitches out of 40
- Participated in Business Design Showcase 2016 at TiE Silicon Valley

LEADERSHIP

TEDxSantaClaraUniversity | Santa Clara, CA

Chief Technology Officer

Sept 2017 – Present

- Planned and coordinated a TED-like experience to an audience size of over 500
- Built and maintained website, tedxsantaclarauniversity.com, with 150 active users per day

SKILLS AND INTERESTS

Proficient in: Python, C, C++, Java, Assembly, PCB Layout Design, Logic Design, Micro-controllers, iOS App Dev., Web Design, Xcode, EAGLE, Git, Adobe Photoshop, Adobe Premiere Pro, HTML, CSS, SQL, Linux

Familiar with: Swift, JavaScript, Amazon Web Services, Google Cloud Platform, TensorFlow, Firebase

Interests: Jazz Saxophone, Videography, Photography, Audio Design, UI/UX, Digital Marketing, Graphic Design