

MICHAEL TRAN

INDUSTRIAL DESIGNER

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WORK EXPERIENCE

Google ATAP provided by FS Studio

Technical Design Specialist *Mountain View, CA*

October 2021 - February 2023

- Collaborate with software, hardware engineers, industrial designers, and interaction designers on developing proofs of concepts for novel Human-Computer Interaction technology including Project Soli and Google Pixel buds
- Research, test, and improve advanced digital fabrication methods for next generation technologies in consumer hardware for ambient computing, wearables, cyber security, robotics, and sustainable manufacturing
- Update, troubleshoot, and operate machines including: flatbed digital cutters, laser cutters, soldering irons, resin/FDM 3D Printers, testing devices to create aesthetic and functional physical models
- Apply design thinking to develop and mass fabricate functional demo prototypes for reliability fixtures, functional testing, and UX explorations

Becamex IDC with Eastern International University

Industrial Design Intern *Bing Duong, Vietnam*

June 2019 - August 2019

- Designed an Arduino kit for the FabLab to encourage future enrollment of engineering students
- Cross functionally partnered with over seven studios in Ho Chi Minh City to establish an industrial design educational program

Camp Bizsmart

Product Design Coach *Santa Clara, CA*

June 2018 - August 2018

- Mentored 24 students in their design process
- Modeled 8 concepts in Solidworks then rendered 24 hero and in-context images in Keyshot
- Sketched and explored 60 concepts

Silicon Valley Innovation Challenge Finalist

UX/UI/Graphic Designer *San Jose, CA*

October 2017

- Teamed up with another student to develop design concepts to create a business plan
- Developed User Interface for an app that pauses music when the user falls asleep
- Awarded as *Most Feasible Idea* out of 50 teams

SPECIAL SKILLS

- Fluent in Vietnamese
- Soldering at 0201 microscale
- Adobe Creative Suite
- Rhino3D
- Solidworks
- Blender3D
- Keyshot
- Sewing
- Sketchbook Pro
- HTML5

EDUCATION

- San Jose State University Bachelor's of Science in Industrial Design 2020
- ENSCI, Paris study abroad exchange program Fall 2019

ORGANIZATIONS

- Industrial Design Society of America
- No Friends Club Film Company