MICHAEL TRAN
INDUSTRIAL DESIGNER

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EXPERIENCE

Technical Designer
Mountain View, CA
2021-2023

Google ATAP provided by FS Studio

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

Industrial Design Intern
Bing Duong, Vietnam
2019

Becamex

Designed an Arduino kit for the FabLab to encourage future enrollment of engineering students in Eastern International University

Cross functionally partnered with seven design studios in Ho Chi Minh City to establish an industrial design educational program

Product Design Coach
Santa Clara, CA
2018

Camp Bizsmart

Mentored 24 students in their design process

Modeled 8 concepts in Solidworks to then render 24 hero and in-context images in Keyshot

Sketched and explored 60 concepts

UX/UI/Graphic Designer
San Jose, CA
2017

Silicon Valley Innovation Challenge Finalist

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

SKILLS

Fluent in Vietnamese
Soldering at 0201 microscale
Adobe Creative Suite
Rhino3D
Solidworks
Blender3D
Keyshot
Hand and Machine 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