

EDUCATION

Hong Kong University of Science and Technology

September 2018 – June 2022

- Bachelor of Engineering in Electronic Engineering

WORK EXPERIENCE

Meiyume

Engineering & Innovation Intern

June 2021 – August 2021

- Conducted market research on color cosmetics and identified opportunities within the market
- Analyzed and researched patents using Orbit to explore different applications of technology
- Implemented concept prototyping using SolidWorks and Arduino to control and calibrate the device

HandyRehab

Electronics Engineer Intern

December 2020 – January 2021

- Set up a working motor testing apparatus for factories in China using Arduino and ESP32 using an infrared sensor to record the revolutions per minute into Google Sheets and an SD card
- Corresponded with the mechanical team to design and produce specialized parts
- Trained in reverse-engineering existing products for research and development

Sportopia

Hardware Analyst

August 2020 – December 2020

- Arranged demo venues and products for clients and took charge of trouble-shooting with distributors
- Participated in meetings with potential partners and clients to distribute a range of exergaming products
- Communicated with design and marketing team to compose proposals for different clients (Chopard, MTR)

Origami Labs

Electronics Engineer Intern

June 2019 – August 2019

- Designed and 3D modeled a charging case for a product prototype using Fusion360
- Assisted in producing, crafting, and testing prototypes to be demonstrated during trials with potential buyers under strict deadlines
- Explored potential features of developing products using Raspberry Pi

HKUST Undergraduate School of Engineering Lab

Lab Assistant

February 2019 – November 2019

- Assisted in a number of different student-initiated projects within the lab and the management of CNC foam cutter, 3D printer, and table saw wood cutter whilst ensuring safety
- Led teaching workshops held in the lab for secondary school students and first-year engineering students
- Selected to lead an epoxy workshop for a cross-cultural engineering exchange in Korea (SKKU)

EXTRACURRICULAR ACTIVITIES

Engineering Student Ambassador

March 2019 – September 2020

- Acted as a campus representative, spoke in front of large audiences, made presentations to Staff as well as students

School of Engineering Peer Mentor

May 2019 – May 2020

- Conducted student orientations and hosted events to ensure a positive attitude for the engineering school and offer guidance for first-year students

HKUST Hackathon (hardUST)

April 2019

- Collaborated with students of different engineering disciplines to rapid prototype a working simulation of pizza-making to enhance efficiency for Pizza Hut

LANGUAGE: English, Cantonese, Mandarin

PROGRAMMING: Python, C++, MIPS, Matlab

ADDITIONAL SKILLS: Fusion 360, SolidWorks