

RELEVANT EXPERIENCE

University Library, The Chinese University of Hong Kong

July. 2020 – Aug. 2020

Assistant Project Coordinator

Hong Kong

- Assisted the implementation of text mining, statistical analysis of university library text resources using Python.
- Completed web data extraction from library archive for database migration.
- Created keyword search tool on the Hong Kong Literature Authors databases.

broadstreet + covid-19 data project

Jun. 2020 – Oct. 2020

Emergency Data Relief Intern (Volunteering Experience)

Remote Internship (Based in Milwaukee, WI)

- Data Entry of daily COVID-19 confirmed cases in the United States by race/ethnicity in county level.
- Quality assurance of daily COVID-19 figures.

KIN Technology Limited

Sept. 2018 – Aug 2019

Electronic Engineering Intern

Hong Kong

- Founding Team Member of the Company
- Collaborated with Engineers and Designers for Rapid Prototyping and design of automatic smart pill dispenser.
- Designed, programmed, and tested the PCB and Micro Controller Unit of the pill dispenser prototype.
- Participated in “Jumpstarter”, a start-up conference held by Alibaba Entrepreneurs Fund in Jan 2019
 - Awarded Top 3 in Hong Kong (Smart City)

PROJECTS

Event and Location Based Classification of Social Media Text

Jan. 2021 - Present

- Classify twitter text based on events and location, using Machine Learning algorithms and Neural Network.
- March 2021 Progress – Data Wrangling and Pre-processing of Text Data

STAT694 Applied Research in Statistics Project

Aug. 2020 – Dec. 2020

- Analyzing the effect to the sentiment of tweets text on Twitter when disaster happens in various location.
- A Case Study with COVID-19 confirmed cases in 5 major cities in the US.

STAT697 Issues in Statistics Project (Team Leader)

Jan. 2020 – Mar. 2020

- Study the trend and phenomenon of California K-12 school statistics, generate statistical report using SAS and SQL.

EDUCATION

California State University East Bay

Aug. 2019 - Present

Master of Science, MSc in Statistics, Data Science Concentration

GPA: 3.88

Hayward, CA

- *Expected Graduation: May 2021*

The Chinese University of Hong Kong

Sept 2016 – May 2019

Bachelor of Engineering, BEng in Electronic Engineering

Hong Kong

SKILLS

- R, including Shiny, FlexDashBoard; Python; TensorFlow and Keras in R and Python; scikit-learn, PyTorch in Python; SAS; SQL; Tableau; MS Office; Google Suite; Linux (Ubuntu); GitHub; HTML scripting and networking knowledge; Basic CAD Tools.