Sandy Hsu

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Junior Data engineer transitioning from entrepreneur looking to leverage my diverse experience into the data world

EXPERIENCE

Data Engineering Immersive, (Student)

NOVEMBER 2020 - PRESENT

- Proposed and led a CNN based project on clothing retrieval system: when input a clothing image into the system, it retrieves 5 images with similar attributes from the adopted database. Result in first place & Best Poster.
- Experienced in data processing and modeling with libraries including pandas, scikit-learn and other statistical/machine learning libraries in Python from Kaggle challenges
- Self-taught on python, SQL, Machine Learning by Andrew Ng from coursera

Entrepreneur, Professional Organizer & Social Media Strategist

January 2016 - RESENT

- Self-taught and built a website for my professional organizing business
- Created a 1000+ members on facebook niche page for my professional organizing business

Program Assistant, CE&P, Hamilton, Canada

May 2008 - June 2013

- Created, designed, maintained over 23 online surveys with 50 plus questions and 100 plus international responses depending on the demand of the research projects Summarized survey results for other research coordinators as references. Software using: Access & Google Workspace.
- Co-author an article on Pain(medical journal) by assisting on data cleaning

EDUCATION

Taiwan AI Academy, Taipei — *Technical Professional Program*

August 2021

McMaster University, Canada — *MSc Health Research Method*

April 2012   Completed all course works

York University, Canada — Bachelor of Arts

April 2005   Specialized Honours in Sociology & Astronomy.

PROJECTS

Clothing Retrieval — *using two CNN models for clothing retrieval*

https://github.com/milkywaysandy/Clothing–Retrieval

SKILLS

Python

Machine Learning

Git/GitHub

MatLab

Web Crawler

HTML

LANGUAGES

English, Mandarin