

## Yi-Chin, Hsieh

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### PROFILE

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A STEM student completed a master's in AI with focusing on state-of-art machine learning to analyse data. Trained a keen bug-tracking capability and a strong organised working style in a fast-paced tech startup. Passionate about coding, and proficient in Python and SQL.

### EDUCATION

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#### MSc Artificial Intelligence

London, UK

*Queen Mary University of London*

Sept 2021 - Sept 2022

Core Modules: Machine Learning, Deep Learning and Computer Vision, and Machine Learning for Visual Data Analysis.

- Applied machine learning models. (linear regression, logistic regression, and clustering)
- Focused on state-of-art deep learning computer vision algorithms (CNN and GAN).
- Analysed images (detection, classification and recognition).

#### BSc(Hons) Computer Science

Taipei, Taiwan

*National Taipei University of Education*

Sept 2016 - Jun 2020

Core Modules: Linear Algebra, Discrete Mathematics, Data Structure, Algorithm, Computer Structure, and Operating System.

### WORKING EXPERIENCE

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#### QA Engineer Intern, SWAG.live

Taipei, Taiwan

Tech start-up offering live streaming platform to influencers and views.

Aug 2020 - Nov 2020

- Tested the features logically on platforms(web, iOS, and Android) for tracking potential bugs.
- Pushed issues on GitHub to assist the whole team in optimising the product.
- Inspected over 500 test cases on Testrail to remedy new released version.

### PROJECTS

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Dissertation: Safe Landing Decision Based on Logistic Regression For Visual-Based UAV 2022  
(Achieved: Merit)

- Extracted 1500 image data from 2D to 3D in ROS packages with Python.
- Built a csv dataset through cleaning and labelling data.
- Developed a classifier to predict results with numpy, and visualise the outcome with matplotlib.

Course Assessment: Age Estimation by Regression 2021  
(Achieved: 100)

- Trained a regression model with Matlab.
- Validated the result by test cases, and calculated Mean Absolute Error and Cumulative Error.
- Analysed data by manipulating different parameters.

### TECHNICAL SKILLS

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- Programming Language - Python(numpy/matplotlib/pandas/OpenCV)/C++/Matlab/SQL/R
- Machine Learning - Tensorflow/Keras/PyTorch
- Others - Ubuntu/Git/AWS/PowerBI/Tableau

### LANGUAGES

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English - Fluent, Chinese(Traditional) - Native