Xiaolong Chen

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EDUCATION

The Hong Kong University of Science and Technology Clear Water Bay, HK
MSc in Data-Driven Modeling starting from 2021.09

Sun Yat-sen University Guangzhou, CHINA
Bachelor of Science, School of Physics, Optoelectronic Information Science and Engineering, 2017.08–2021.06
– GPA: 84/100
– Thesis: "An optics experiment design based on Deep Learning"

SCHOLARSHIPS AND AWARDS

- Zhenzhi Scholarship 2020
- Third Class Scholarship 2020
- Meritorious Winner of MCM/ICM 2020
- Third Class Scholarship 2018

EXPERIENCE

Mathematical Contest of Modeling / Interdisciplinary Contest of Modeling
An evaluation pattern of products based on Text Analysis and Principle Component Analysis 2020.03
– Use Text Analysis to extract some prominent features from Customers' Reviews and allocate specific scores.
– Apply PCA to the values of those dimensions.
– Taking star ratings and customers' identity into account, calculate the final score of every purchasing record.

Graduation Project
An optics experiment design based on Deep Learning 2020.11–2021.05
– Collect the spectrum data of two similar samples.
– Use Keras to build a model to classify the reflectivity of those two samples.
– Use PyQt5 to build a user interface.

SKILLS

- **Programming:** Python, C++
- **Web:** HTML/CSS (Studying)

LANGUAGES

- **English:** IELTS overband score: 7.5
- **Mandarin:** native speaker