

# Xiaolong Chen

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## EDUCATION

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### The Hong Kong University of Science and Technology

MSc in Data-Driven Modeling

Clear Water Bay, HK

2021.09–now

### Sun Yat-sen University

Bachelor of Science, School of Physics, Optoelectronic Information Science and Engineering,

– GPA: 84/100

– Thesis: “An optics experiment design based on Deep Learning”

Guangzhou, CHINA

2017.08–2021.06

## SCHOLARSHIPS AND AWARDS

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- Entry Scholarship of MScDDM 2021
- Zhenzhi Scholarship 2020
- Third Class Scholarship 2020, 2018
- Meritorious Winner of MCM/ICM 2020

## EXPERIENCE

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### 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 and 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.

### HKUST-VISLAB Coding Challenge

Level 1 - Level 3

2021.05

## SKILLS

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- **Programming:** Python, C++, JavaScript
- **Web:** D3.js

## LANGUAGES

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