

# Zebin Yun

📍 Southern University of Science and Technology, Nanshan District,  
Shenzhen, Guangdong Province, China

✉ [11910912@mail.sustech.edu.cn](mailto:11910912@mail.sustech.edu.cn)

☎ [+86-133-9489-8867](tel:+8613394898867)

## EDUCATION BACKGROUND

**Southern University of Science and Technology(SUSTech)**

*B.Eng., Intelligence Science and Technology*

GPA: 88.99/100

**Guangdong, China**

*Sept. 2019-. Present*

**Tel Aviv University(TAU)**

*Visiting Student*

**Tel Aviv, Israel**

*Jun. 2022-. Present*

## ACADEMIC EXPERIENCE

**Internet Data Analysis and Fundamentals of Research Methods**

*online course*

**Grade 4.0/4.0**

**Oxford University (remote)**

*1<sup>st</sup> Jul. 2021- 19<sup>th</sup> Jul. 2021*

- Analysed the users' behaviours in stack exchange's site called linguistics and learnt about which users created the main posts and which type of posts was appreciated by users. In the end, I checked the Pareto's principle using Stack exchange's site and visualized the community about one-mode graph and two-mode graph. Here is my individual project's [link](#).
- Crawled customer review data of in Taobao and JD shopping website and compared them with Amazon's Kindle sales review data on kaggle to find the different characteristics of Chinese and foreign customers.

**NUS school of Computing Summer Workshop 2021**

*earned the second reward*

**National University of Singapore(remote)**

*May 2021- Jul. 2021*

- Participated in project and utilized Google dialogflow to train the natural language processing dialogue robot integrated on Facebook workspace.
- Utilized SVM, RNN and other methods to realize the quantitative transaction model, which was introduced to users through the dialogue robot.

## RESEARCH

**Student Assistant**

*project Supported by National Climb Plan*

**GuangDong, China**

*Sep. 2020- Jun. 2021*

- Improved edge detection algorithm and designed GUI for image processing program and the total project aims to design a multitask CNN based application platform for coastal land use and coastline change detection and analysis in Guangdong, Hong Kong and Macao Great Bay Area.

**Facial image generation accross the age domain**

*Associate Professor [Yu Zhang](#)'s research group*

**SUSTech**

*Jul. 2021- Jan. 2022*

- Developed a generative adversarial network with generator where neural order differential equation is embedded transform the facial images across the age domain.

**Adversarial Machine Learning**

*Dr. [Mahmood Sharif](#)'s research group*

**Tel Aviv University**

*Jun. 2022- Present*

- Research about Factors affecting the transferability of the adversarial sample in black-box setting and how to improve it.

## PROFESSIONAL EXPERIENCE

**Intern**

*Zhi Hui Ling Network Technology Co., Ltd.*

**Shenzhen, China**

*Jul. 2021-Aug. 2021*

- Designed data compression algorithm, use neural network to map high-dimensional data to low-dimensional data and restore it.

## SKILLS

---

- Extensive knowledge of Linux, Python, C++ and could use Python packages including Pytorch, Numpy, Pandas, Scikit-learn, computer vision, Keras and so on fluently.
- Master MySQL and PostgreSQL database operation, data cleaning and analysis ability, algorithms in data structure.
- Proficient in machine learning algorithm(especially VAE, GAN, flow model),SLAM.

## AWARDS & ACHIEVEMENTS

---

- |  |           |
|--|-----------|
| • Freshman scholarship(SUSTech)                            | Sep. 2019 |
| • Chinese National Endeavor Scholarship(SUSTech)           | Oct.2020  |
| • Second prize of outstanding student scholarship(SUSTech) | Oct.2021  |
| • The second reward of NUS Summer Workshop                 | Jul.2021  |
| • First prize for <i>machine learning</i> course project   | Jan.2022  |