

# ZHU HUANG SIYUAN

## ARTIFICIAL INTELLIGENCE

### CONTACT

Address: Guangdong Province, China

Tel: + 86 139 2561 4377

E-mail: zhsyzsy@gmail.com

### RESEARCH INTEREST

Cyber Security, Information Security, Cryptography,  
Machine Learning, Artificial Intelligence

### EDUCATION (Bachelor)

GPA 3.73/4.00

#### Guangdong University of Foreign Studies (GDUFS)

09/2020 -

#### Cyber Security

Main courses: Discrete Mathematics (96/100), Linear Algebra (94/100),  
Introduction to Programming with C++, Object-oriented Programming, Principles  
of Database Systems, Data Mining, Computer Network Attack & Defence

#### Macao Polytechnic University (MPU)

08/2022 - 06/2023

#### Enterprise Information Systems

Main courses: Machine Learning, Computer Security, Artificial Intelligence,  
Application of System of Information Enterprise

### EXPERIENCE

#### Quanta Technical Team

09/2021 - 05/2022 (8 months)

#### BE

- We conducted a half-year learning of back-end development technology.
  - Used *Maven* to manage packages, *JDBC* technology to connect to the database, and ran the *Servlet* to interact with the client (*Maven* + *Tomcat* + *JDBC*)
- The experience played an enlightening role in learning the back-end development.*

#### Mumu Technology Co. (Entrepreneurial Team)

12/2021 - 06/2022 (6 months)

#### R&D

- We collected and analyzed data to investigate the relationship between college students' majors and laptop demand. We classified laptops by college major based on performance and other attributes.
  - We also established a WeChat Mini Program Mall.
- It allowed me to learn the thinking of an entrepreneur and start thinking about how to apply better the technology I learned to society.*

#### Study abroad (Exchange Program)

08/2022 - 06/2023 (10 months)

#### Exchange Student (MAC)

- Learned and practiced in the field of artificial intelligence and machine learning.
- After learning the algorithm and various application scenarios of AI, I decided to study more deeply in the field of AI in the future.*

#### Cryptography and Information Security Interest Group

06/2023 -

#### Group Member

- We are doing research related to cryptography.
- I mainly focus on theoretical knowledge and cutting-edge research of federated learning and privacy security.

### AWARDS

- Pacemaker to Merit Student (2020 - 2021)
- The Wang Yaohui Scholarship (2020 - 2021)
- The First Prize Scholarship (2020 - 2021) (1%)
- China Undergraduate Mathematical Contest in Modelling Excellence Award (2021)
- China College Students' 'Internet+' Innovation and Entrepreneurship Competition Participation Award (2022)
- 2021 "Challenge Cup" National College Student Business Plan Competition, Social Entrepreneurship Track (Guangdong University of Foreign Studies) Gold Award (03/2022)
- GroupProgramming Ladder Tournament (GPLT) Award for successful participation (05/2021)

### EXTRACURRICULAR ACTIVITIES

- Taekwondo, climbing, guitar, painting

### REFERENCES

- Prof. KA CHONG HO  
([kcho@mpu.edu.mo](mailto:kcho@mpu.edu.mo))
- Prof. TAO TAN  
([taotan@mpu.edu.mo](mailto:taotan@mpu.edu.mo))