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# Ke Siyun (Garfield)

EMAIL: garfield.ke@connect.um.edu.mo

URL: https://www.linkedin.com/in/siyun-ke-115b22191

## Objective

A position in the field of computer science with special interests in data analysis, also interested in practical positions related to IT assistance and/or paperwork handling.

### **Education**

2020-2023

2021

2019-2023 Student of B.S. Program in Computer Science, University of Macau.

GPA 3.43, Faculty of Science and Technology.

Area of Specialisation: Data Science and Artificial Intelligence, Multimedia Computing.

Student of MINOR PROGRAM in Economics, University of Macau.

MINOR GPA 3.25, Faculty of Social Science.

RELATED COURSES: Statistic.

## Working/Training Experience

Summer Research Intern, Faculty of Science and Technology, University of Macau.

PERIOD: Jun 2021-Aug 2021.

Language: Python

DETAILS: Skyline segmentation using U-Net convolutional neural networks for images taken from unmanned boat. I conducted the research under instruction and guidance of a professor assigned, generally related to verifying and evaluate performance of existed U-Net-like CNN, and explore possible pre-processing methods applicable to input images for better performance.

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#### Honours & Awards

Second Prize of Undergraduate Teams, Contemporary Undergraduate Mathematical Contest in

Modeling, China Society for Industrial and Applied Mathematics.

2019-2022 Dean's Honours List, Faculty of Science and Technology. (4 out of 5 semesters)

2019- Honours College Student, University of Macau.

2019- UM Full Scholarship for Mainland Students, University of Macau.

## Project/Competition Experience

2022 (Ongoing) Validation and development of the Portuguese-language electronic health literacy scale

during the COVID19 pandemic, UM Honours College Research Project

LANGUAGE/SKILL: Statistic

2021 Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM), China Society for

Industrial and Applied Mathematics. LANGUAGE/SKILL: MATLAB, Excel

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Some more tiny projects like course works presented in https://github.com/garfieldw33/

## **Key Computer Science Skills**

Beginner Java, Julia, Lager, MySQL...
Intermediate C/C++, MATLAB, Python

#### Other Skills

Language English: CEFR-CI(IELTS-7.0, CET6-625)

Chinese (Mandarin): Native

Cantonese: Fluent

Common Adobe Photoshop, Acrobat, Microsoft Office(Word, Excel, & PowerPoint)...

software

<sup>•</sup> Last updated: January 22, 2022 •

<sup>•</sup> Latest version: https://garfieldw33.github.io/mycv •