Ke Siyun (Garfield)

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MACAU

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Education

UNIVERSITY OF MACAU (2023-)(Persuing)
M.Sc. in **Computer Science**,
Faculty of Science and Technology.
Thesis: (Tentative) Customized Image Aesthetics Assessment Method and Application on User Profiling

UNIVERSITY OF MACAU (2019-2023)
B.Sc. in **Computer Science**, GPA 3.42/4, HONOURS COLLEGE
Faculty of Science and Technology.
Specialisation: Data Science and Artificial Intelligence, Multimedia Computing.

MINOR PROGRAM in **Economics**,
Faculty of Social Science.
Related courses: Statistics, Econometrics.

Working/Training Experience

IT-DEVELOPMENT INTERN (2022), The Venetian Macau, Sands China LTD.
PERIOD: Jun 2022.
SKILLS: E2E Test, JavaScript
Gained experience of IT professionals in gaming/tourism industry; Worked with Cypress to conduct End-to-End Tests.

SUMMER RESEARCH INTERN (2021), Faculty of Science and Technology, University of Macau.
PERIOD: Jun 2021-Aug 2021.
SKILLS: CNN, Python
Conducted research on Skyline segmentation using U-Net convolutional neural networks for images taken from un-manned boat. Verified and evaluated performance of existing U-Net-like CNN, and explored pre-processing methods for better performance.

Project/Competition Experience

ROBUST OCR SYSTEM FOR MACAU HEALTH CODE,
Graduation project for fulfillment of B.S. Degree
SKILLS: CNN, Image processing, Python

VALIDATION OF PORTUGUESE E-HEALTH LITERACY AMID THE COVID-19 PANDEMIC: A CROSS-SECTIONAL STUDY ON ADULTS IN MACAO SAR AND PORTUGAL(2022),
Social science (Interdisciplinary) research for fulfillment of Honours College Program

INTERDISCIPLINARY CONTEST IN MODELING, ICM,
Consortium for Mathematics and Its Applications, COMAP
SKILLS: MATLAB, Python, Statistical analysis

CONTEMPORARY UNDERGRADUATE MATHEMATICAL CONTEST IN MODELING (CUMCM),
Second Prize of Undergraduate Teams, China Society for Industrial and Applied Mathematics
SKILLS: MATLAB, Excel.

MORE PROJECTS (COURSE WORKS) presented in https://github.com/garfieldw33/

Honours & Awards

DEAN'S HONOURS LIST (2019-2023), Faculty of Science and Technology
HONOURS COLLEGE , University of Macau
UM FULL SCHOLARSHIP FOR MAINLAND STUDENTS, University of Macau

Skills

Key Computer Science Skills
Java, Julia, LaTeX, MySQL
Intermediate: Neural Networks, Image Processing (MATLAB/OpenCV), Python, C/C++

Other Skills
Languages: English (CEFR-C1, IELTS-7.0, CET6-625), Mandarin (Native), Cantonese (Fluent)
Software: Adobe Photoshop, Acrobat, Microsoft Office
Maritime: Registered seafarer (cadet) in China (STCW basic training passed)