IO MAN KUAN 姚旻均

COMPUTER AND DATA SCIENTIST

Contact

🏠 Macau, China
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✉️ toby.io@outlook.com

🔗 tobyio.com
   (Personal Portfolio)
🐙 github.com/soundpulse
in linkedin.com/in/toby-io

Achievements

🏆 **Techstars Startup Weekend 1st Place**
Techstars Global University of Macau
(Apr 2022)

🏆 **Azure Data Scientist Associate**
Microsoft
(Aug 2022)

🏆 **Business Intelligence & Data Analyst (BIDA) Certification**
Corporate Finance Institute
(Jun 2022)

🏆 **NCL+ Advanced Award Holder**
Newcastle University
(Jul 2020)

🏆 **Deep Learning Specialization**
deeplearning.ai
(Apr 2019)

Profile

A dedicated, dependable, and capable Computer and Data Scientist with a strong enthusiasm for programming, teaching, and artificial intelligence. BSc graduate of Computer Science from Newcastle University, UK. Macau permanent ID holder.

Experience

Jun 2020 Present - **Rainbow Seven Macau Co., Ltd**
Data Scientist
·Construct mathematical models for casino table games. Provides big data analysis and produces automated reports for global game providers.
·Co-founder of Hotdog Gaming, which offers mobile-focused slots for global operators in over 60 countries.

Nov 2020 Nov 2021 - **Giant Whale Information Technology, Ltd**
Full-Stack Developer
·Developed the back-end and web APIs for WeAsk, a multi-platform web app that provides online tutoring for students in Macao.

Nov 2019 Apr 2020 - **Newcastle University, UK**
Student Demonstrator
·Supervised and assessed Computer Science undergraduates' work in lab sessions.

Education

2017 - 2020 **Bachelor of Science (Computer Science)**
Newcastle University, United Kingdom
Degree Class: 1st Class Honors
·Urban Science Building Student Representative
·Completed dissertation on "Feature Engineering for real-world data mining challenges".

2017 **High School Diploma (Science Stream)**
Yuet Wah College, Macau
IAL Pure Mathematics (A*)
Macao JAE Mathematics (Averaged 97%)

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Languages

Fluent in:
English
Cantonese
Mandarin

Skills

Programming:

Python, Java,
SQL, C++, Git,
Linux

C, C#, HTML5,
CSS3, JavaScript,
AWS, VDM,
Alibaba Cloud,
VB, VBA, Azure

Swift, PHP,
Assembly,
OpenGL,
GLSL, Lua

Machine Learning:

Azure ML Studio
TensorFlow
Keras
Keras-RL
OpenAI Gym
Scikit-learn
Pandas
NumPy
SciPy
Matplotlib
Seaborn

Statistical Analysis:

Excel, SPSS,
Power Query,
Power Pivot,
Power BI,
MATLAB, R,
Tableau

Miscellaneous:

LaTeX, PuTTY,
MS Office,
Audacity, Adobe
Photoshop,
Premiere,
After Effects

Outreach Experience

Scott Logic, Altitude Foundation
Mentor + Event Helper
Oct 2019 – Apr 2020   Newcastle, UK

Newcastle University
Student Ambassador
Dec 2018 – Mar 2020   Newcastle, UK

Newcastle University, Not-Equal Network
Event Coordinator
Nov 2018 – Feb 2019   Newcastle & London, UK

Knight of Hope Volunteer Club
Vice President
Nov 2012 – Aug 2016   Macau