

Man Kuan IO

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Second year Computing Science undergraduate with a strong enthusiasm in technology, strong Interpersonal skills and experience in programming, seeks an internship as a Data Scientist.

Education

Newcastle University, BSc Computer Science (Expected 1st)

2017-2020, UK

Relevant Modules: Algorithm Design and Analysis, Database Technology, Mathematics for Computer Science, Software Engineering, Programming I & II.

Statistical Analysis: MATLAB, SPSS and Excel.

Programming: (*proficient*): Java, C, Git, Python. (*experienced*): SQL, HTML5, CSS3, JavaScript, Assembly.

- Able to learn different programming languages and software on campus and online tutorials, utilized my skills on excelling school projects while creating side projects on my own.
- Worked effectively as part of a team of 10 to deliver an assessed video project. As the team leader, I ensured the tasks are allocated fairly and the project deadline is met. Attained a 1st mark.
- Actively participated in events hosted by the university, such as Chinese Career Gateway, Give It A Go etc., demonstrating leadership and communication skills whilst participating in events. Broadened my views on the world and learnt people's differences.
- Actively creating Machine Learning Projects in my spare time, mainly on analyzing the degree of truth that news portrays.

Yuet Wah College

2011-2017, Macau

- **A Levels:** Pure Mathematics (A*), Physics (C), Chemistry (D)
- **7 IGCSEs:** Grades A* - C
- **Macao Joint Admission Exam:** Average 97% in Math Subjects (Top 1% Percentile)

Work Experience

Lok I International Development Education Centre

2018, Macau

Part Time Tutor

- Responsible for tutoring 10 or more primary students in English and Mathematics weeks before exams, delivered concise concepts to students and supervised students who were struggling to catch up with the others.

Kumon Educational Japan Co., Ltd

2018, Macau

Part Time Maths Tutor

- Worked in a team of 6 at one of the largest franchises in after-school learning, trained to aid and provide feedback to students in advancing independently beyond their school grade level to higher levels and more difficult exercises.

Volunteer Experience

Newcastle University, Not-Equal Project

2018, UK

- Taught Mr. Wild's Year 10 GCSE computing students at Churchill Community College, North Tyneside to understand their thoughts and practices around data, safety and privacy online and asked them what they felt Not-Equal could do to respond to their ideas, thoughts and concerns.
- Share the work we have done with our Non-Equal partners, and then ask them to contribute back to the experience through commissioning our future research.

Yuet Wah College, Knight of Hope Volunteer Group

2012 – 2016, Macau

- Coordinated and assisted charity bazaars events.
- Provided help to various local orphanages and nursing homes.
- Lead a team of 6 on preparing gift bundles to seniors in a nursing home.

Recent Projects

Global Warming Prediction

- My most recent machine learning project. Used CO2 concentration level and temperature on finding the "point of no return" regarding on global warming.
- Created time series models using LSTM for all major cities.
- Utilized: Python libraries: numpy, scipy, pandas, matplotlib, tpot, tensorflow keras.

Ludem Dare 43 (<https://ldjam.com/events/ludum-dare/43/lintalho>)

- Worked in a team of 4 on creating a local multiplayer co-op game, able to learn to code C# for Unity and from scratch under very tight time constraints. Shown clear sense of responsibility and good stress management throughout the entire process.
- Utilized: C#, Unity, Git, Audacity, sfxr, Beepbox

Additional Skills

IT: LaTeX, MS Office, FileZilla, PuTTY, Photoshop, Audacity, Premier, After Effects.

Languages: English (Fluent), Cantonese (Native Language), Mandarin (Fluent).

Interests

- Regularly help others grasp mathematical concepts while reinforcing my own.
- Enjoy solving complex mathematical problems on Brilliant in my free time.
- Arranging and organizing trips around Europe, Japan, and Taiwan, usually under a tight budget.
- Cooking global cuisines that I find delicious and share it with my friends.
- NAUI certified open water scuba diver.

References

Charles Morrisett

Personal Tutor
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Veronica Ng

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