Tsz Yeung Jonathan Chan

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EDUCATION

Durham University | Bachelor's degree :   *October 2023 – June 2026*
- Final year Computer Science student
- Second-year grade: **Upper Second-class Honors (67.9%)**. Excelled in key modules including:
    - Data Science: 77% (with an 85% in the written examination), Software Engineering: 69%, Network and Systems: 68% (with 76% in the practical component), Programming Paradigms: 68% (with 78% in the written examination)
- First-year grade: **First Class Honors (overall 79.3%)**

Wah Yan College Hong Kong   *September 2017 – June 2023*
- HKDSE: Best 5: Maths (5**), Physics (5), Chemistry (5), ICT (5), extended maths (linear and algebra) (5)
- 5** is equivalent to A*, and 5 is equivalent to A in A level
- Top **3.1%** in Hong Kong

WORK EXPERIENCE

The Walt Disney Company | Position: Engineering Intern | Location: Hong Kong
July 2024 – August 2024
- Developed and implemented Microsoft Power App solutions for Facility Services department, including Internal Bidding Form, Change Request Form, etc.
- Automated and digitalized the maintenance planning process, improving efficiency and minimizing errors from manual input, i.e. generating reports automatically according to inputted data
- Integrated Microsoft Power App and Power Automate with existing company systems, ensuring data consistency across departments by implementing various data flows, i.e. sending requests through multiple approval stages to requestors, service managers, and department heads respectively
- Assisted in the setup of an IoT system for a Disney boat ride, transferring real-time data to a NAS (Network Attached Storage) using LoRa technology
- Prepared and researched a presentation on Machine Learning in business, showcasing its impact and importance for the emerging trends

PERSONAL PROJECTS

AI event recommendation system
November 2024
- Developed an AI-powered event recommendation system using content-based and collaborative filtering, integrating user preferences and availability
- Build a pipeline to generate and filter personalized event suggestions, optimized scheduling, and relevance based on user history and calendar data

Automated trading system
July 2025 - Present
- Currently developing an automated trading system that executes strategies by integrating sentiment analysis from financial news with real-time technical market data

SKILLS

Languages:	Cantonese: native | English: fluent| Mandarin: fluent
Programming language:	*Advanced:* Python, HTML, CSS, JavaScript | *Basic:* C, C++, Java
Tools:	*Advanced*: Git, Microsoft Office Suite | *Basic*: Unix, MongoDB, Nodejs, React, Expressjs

EXTRACURRICULAR AND VOLUNTEERING

Yan Kwong Social Service Center | **Position**: **Event Organizer**   *July 2023 – August 2023*
Wah Yan College Hong Kong | **Position**: **orienteering Team Captain**   *September 2021 – June 2022*