Lai Yan Yung

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OBJECTIVE

Looking for a career opportunity in the technology related industry. Have solid database skills and plenty experiences on handling large amount of data and big data analyzing. Self-motivated person which able to excel to any environment and comfortable to work as a team.

EDUCATION

Western Washington University, WA 2015-2018

- *B.S. in Computer Science*
- *Minor in Economics*
- *GPA:3.21*

Computer Science Relevant Courses:

- Analysis of Algorithms I, Analysis of Algorithms II, Artificial Intelligence, Bioinformatics, Computer Networks I, Computer Systems I, Data structure, Database Systems, Formal Lang & Functional Program, ICT for Development, Object Oriented Design, Principles of Concurrent Program, Social Network Analysis, Unix Software Development

Accounting /Economics Relevant Courses:

- Financial Accounting, Intermediate Macroeconomics, Labor Market Economics, Macroeconomics, Managerial Accounting, Microeconomics, Money and Banking, Probability/Statistical Inference

Bellevue College, WA 2014-2015

- Associate in Arts & Science Direct Transfer Agreement
- Graduate with honor
- GPA:3.51

St. Mary's Canossian College, Hong Kong 2007-2013

SKILLS / STRENGTHS

- **Programming languages:** Java, Python, C, C++, C#, HTML, PHP, CSS, MySQL
- **Operating Systems:** Windows, Mac OS, Linux
- **Programming Skills**: Database programming, Unix System Programming, Machine Language, Data Structure, Client-Server Model
- **Trilingual:** Cantonese (First language), English, Mandarin

PROJECT

Data Mining of Database 2016

- Compare the stocks data in the database against other stocks in the same industry.
- Calculate trading intervals, stock splits, ticker return, etc.
- Store the comparison data in a new database

Green website- EcoTrace 2017

- Set up a website which provides calculation of carbon emission
- Set up a map which allows users and admin to edit and shows closest recycle center
- http://ecotrace.subtextscript.com/

Deadwood Board Game 2017

- Set up both text-based and GUI-based version of the board game which called "Deadwood"

AI: Path Learning 2017

- Set the shortest path for the robot to move from home to a home given by the user
- A floor blueprint was given, and all paths are calculated
- Use reinforcement learning and Q-learning

Senior Project – Biodiesel Gas Station 2017-2018

- Work with client and setting up the first biodiesel gas station in Bellingham area
- Work on credit card payment system, handling large customer database
- Work in a team to set up the software system of the gas station

ACTIVITIES & POSITIONS OF RESPONSBILITY

International Talk Time Helper

- Help planning the topic for the talk time
- Encourage international students to speak up in English
- Help international students to know more about the American culture

International Student & Scholar Service Volunteer

- Welcoming visiting international delegations
- Speaking to prospective international students
- Planning and participating in International Education Week activities

Scholarship & Awards

Western Washington University International Achievement Award: Transfer 2015-2017

Western Washington University International Scholarship 2016-2017