

LY

LAI YAN YUNG

SOFTWARE ENGINEER

CONTACT

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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.

SKILLS

Java	<div><div></div></div>
Python	<div><div></div></div>
C	<div><div></div></div>
C++/ C#	<div><div></div></div>
MySQL	<div><div></div></div>
Racket	<div><div></div></div>
HTML (5)	<div><div></div></div>
PHP	<div><div></div></div>
CSS	<div><div></div></div>
R	<div><div></div></div>
LINUX/ UNIX	<div><div></div></div>

LANGUAGES

English
Mandarin
Cantonese

EDUCATION

BS IN COMPUTER SCIENCE | MINOR IN ECONOMICS

Western Washington University | Bellingham, WA | 2015 – 2018

| 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

ASSOCIATE IN ARTS & SCIENCE DIRECT TRANSFER AGREEMENT

Bellevue College | Bellevue, WA | 2014 – 2015 | GPA: 3.51

PROJECT

DATA MINING OF DATABASE - 2016

- Compare stocks data against other 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 to setup a biodiesel gas station
- Work on credit card payment and database
- Work as a team to set up the software system for the gas station
- <http://marys-gas-station.proj.cs.wvu.edu/>

SCHOLARSHIP & AWARDS

WESTERN WASHINGTON UNIVERSITY INTERNATIONAL ACHIEVEMENT

AWARD: TRANSFER - 2015-2017

WESTERN WASHINGTON UNIVERSITY INTERNATIONAL SCHOLARSHIP - 2016-2017