CHEN SHIU WEI

BACHELOR'S DEGREE – MATHEMATICS & COMPUTER SCEINCE

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ABOUT ME

Technical Skills	Python, Java, C/C++, MySQL, JavaScript, React, HTML, CSS, Tableau
Languages	Fluent in English & Mandarin
Art Technology	Adobe Photoshop, Adobe Premiere Pro, Illustrator, Figma
Interests	Digital Art, Web Design, New Techs

Work EXPERIENCE

XING FU TANG CANADA

Barista, Food Services   Coquitlam, BC (June 2019 – Present)

- Worked in various food services company as a part time job during studies
- Provided excellent customer service while executing quick transactions with accuracy in a stressful and fast paced environment
- Maintained a sanitary workplace abiding to Canada's Food and Drugs Act and Regulations

Statistics Canada

Enumerator, Census 2016   Coquitlam, BC (Summer 2016)

- Helped and convinced respondents in their dwellings to fill in the census forms
- Fixed discrepancies in respondents answers to prevent anomalies in the 2016 Census
- Managed and sorted census report in Statistics Canada's online database

COMPETITIONS AND PERSONAL PROJECTS

nwHacks 2019 – Digital Wellbeing for Chrome   (January 2019)

- Developed a chrome extension and competed in the annual nwHacks
- Developed an extension which allow users to create a list of unproductive websites like Facebook, Instagram, and others to block when they want to go into a more focused and productive state.
- Built the front and back-end using JavaScript and an API was created and hosted using Azure.

Learning Analytics + Canvas API Hackathon   (March 2019)

- Analyzing and visualizing educational data while exploring the emerging field of learning analytics.
- Learning how to extract, analyze, and visualize data in a way that would be useful to other students.
- Built a function that helps you find other students who you might want to be friends with, based on your shared courses.

A* Path-Finding Visualization   (November 2020)

- Wrote an algorithm in Python to find the closest Manhattan distance between two nodes on a $n \times n$ grid.
- Visualize the algorithm using Python library (pygame) with interactive UI and customizable colors.
- Implemented Priority Queue and Open Set Hash to achieve the best time complexity for the algorithm function.

Poker   (December 2019 - January 2020)

- Simultaneously played 24 cash game tables with 0.01$/0.02$ blinds on PokerStars
- Played over 200,000 hands with 500$+ profits with rakeback bonus (5bb/100)
- Recorded every hand played using HoldemManager and statistically analyzed my unprofitable plays and opponents' weaknesses to potentially take advantage of them.

Others: Weather App, 3D Card Effect UI, Music Player, Python GUI

EDUCATION

University of British Columbia   Vancouver, BC (2016 – Present)

- Bachelor of Mathematics (Computer Science)