AU Pui Sze, Ceci

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EDUCATION AND ACADEMIC QUALITIES

2022-2023	*Humber College Institute of Technology & Advanced Learning* Graduate Certificate in Web Development
2016-2021	*Hong Kong University of Science and Technology* Bachelor of Engineering (BEng) in Electronic and Computing Engineering Minor in Information Technology

PROJECTS

Sudoku
- A webpage allows users to solve 9*9 sudoku puzzles with timer
- Import Sudoku puzzles using Node.js by fetching the API endpoints
- Have a PostgreSQL database containing 1 million sudoku puzzles by running an automated script to migrate CSV data to shorten the data loading time

Timesheet Automation
- A NPM package build with Clockify API to track project time
- Collaborate with 7 developers, and lead the API team
- Track and manage project progress using GitHub, Scrum and Kanban

Movie Night
- A webpage takes in two movies and generates ten related movies
- Implement two external APIs
- Use TMDB API to retrieve information of movies, and create a search engine for users to choose the input
- Use ChatGPT API to create relationships between different movies

LANGUAGE AND SKILLS

Language:	Fluent in English (oral and written)
Front-end Skills:	JavaScript, React.js, Pug.js, HTML, CSS
Back-end Skills:	Python, Java, C++, C#, ASP.NET, Node.js, Express.js, PHP, Laravel
Database:	MySQL, NoSQL (MongoDB)
Project Management:	GitHub, Agile (Scrum and Kanban), Testing (Jasmine, Cypress)
Software Packages:	Visual Studio, VS Code, Eclipse, MATLAB

WORKING EXPERIENCE

11/2022-Present — *Mathematics Tutor, Iron Tutor, Toronto*
- Taught Grade 1-12 Mathematics

5/2021-6/2022 — *Product Engineer, New Display, Solomon Systech Limited*
- Performed evaluation on electronic price tag driver integrated circuit
- Developed systems using Excel VBA for evaluation and data analysis
- Maintained embedded firmware in C programming on MCUs

6/2019-6/2020 — *Software Developer, Computer Vision, ASM Pacific Technology*
- Worked on AI labelling and 3D object reconstruction by fringe projection
- Maintained Computer Vision software in C++
- Manage version control via TortoiseGit
- Built an user interface and database by C# and Python in the final project

6/2018-8/2018 — *Summer Intern, International Department, JEBN Limited*
- Researched on automated storage system and automated guided vehicles
- Developed strategic thinking skills to reduce wastage in the final project