

# AU Pui Sze, Ceci

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## EDUCATION AND ACADEMIC QUALITIES

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- 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

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- Sudoku*
- A webpage allows users to solve 9\*9 sudoku puzzles with timer
  - Built front-end with HTML, CSS, and JavaScript
  - Created PostgreSQL database containing 1 million sudoku puzzles
  - Imported data using Node.js by fetching the API endpoints
- 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
  - Built front-end with Pug.js
  - Implemented two external APIs (TMDB and ChatGPT)
  - Compiled the data down to HTML by Node.js and Express.js

## LANGUAGE AND SKILLS

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- 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

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- 11/2022-Present      *Part-time Mathematics Tutor, Iron Tutor, Toronto*
- Taught Grade 12 Calculus
- 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