

Tom Chow

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[Github](#)



[LinkedIn](#)

PROJECTS

Projects and more (including demonstrations) can be accessed via the GitHub link.

Personal Customer Relationship Manager (CRM) Web App

JavaScript; React; Node.js; MongoDB; MERN; UI/UX; Python; Project Management.

- Worked in an Agile environment with clients to develop a personal customer relationship manager (CRM).

Remote Procedure Call Protocol

C; Networks; RPC Frameworks; Multithreading.

- Invoking a remote subroutine in another machine on a shared network via request-response system.

Pac-Man 2

Java; UML; Software Modelling & Design; Design Patterns; Team Collaboration.

- Extended version of Pac-Man with a level editor, savefiles, and new monsters and items.

Flow Free Solver

C; AI; Algorithms; Data Structures.

- Solves the NP-complete mobile game Flow Free with graphs. Includes animated solution.

Spotifyline

Python; API; OAuth; Rate Limiting.

- Accesses the Spotify API without external libraries to download tracks from a Spotify playlist to your computer.

Reddit Image Scraper

Python; API; OAuth; Databases.

- Accesses the Reddit API with PRAW to download images from a given subreddit.

EDUCATION

The University of Melbourne

Sem 1 2021 – Sem 1 2024

Final Year of Bachelor of Science, Computing and Software Systems

Melbourne, VIC

- Active in CISSA, Hong Kong Students Association, Drawing and Painting Club

Sha Tin College, Hong Kong

May 2020

Graduated from the International Baccalaureate Diploma Programme

Hong Kong

WORK EXPERIENCE

Head Waiter

Sep. 2020 – Mar. 2021

KPOP Food and Snack

Hong Kong

- Managed up to five wait staff and multiple roles to maintain kitchen and customer efficiency and satisfaction.

SKILLS AND TOOLS

- **Languages:** C; C#; Java; Python; SQL; HTML/CSS; JavaScript; Processing; Haskell; Prolog; French.
- **Tools:** Git; Docker; vim; JIRA; Slack; Unix.

VOLUNTEERING, CHARITY, AND OTHERS

Running club

- Found a running club that brings together like-minded students no matter their physical abilities.

Teaching volunteer

- Organized lesson plans for teaching English to underprivileged children in Hong Kong.

Interests: long-distance running; doodling; journaling; reading; Stormlight Archive; cats; goth rock; Destiny 2

Half Marathons: Ran my third half marathon in Aug 2023 in 2 hours. Currently training for a full marathon.