# Anthony Chen

| anthonyjrchen@gmail.com | Personal Github | 604-616-5371 |

## EDUCATION

**Bachelor of Arts in Cognitive Systems**　　　　　　　　　　　　　　　　**Sep 2020 – May 2025**
University of British Columbia, Vancouver, BC　　　　　　　　　　　　　　　GPA: 3.20/4.00

## EXPERIENCE

**Software Engineering Intern, Applied Science and Technology Research Institute**　　**Jun 2023 – Aug 2023**
Trust and AI Technologies – Advanced Crypto Systems Division　　　　　　　　　　　Hong Kong
- Employed **FastAPI** to develop a web application with **Python, JavaScript, HTML, SQLite** that enabled 750+ users to exchange datasets safely within a trusted execution environment while ensuring strict adherence to security protocols.
- Engineered the web application section and successfully coordinated and merged my progress with 4 other group members working on the cyber security aspect of this project.

## PROJECTS

**JML Event Manager**　　　　　　　　　　　　　　　　　　　　　　　**Feb 2024 – Jun 2024**
- Designed and constructed a web application to streamline creating, deleting, and rescheduling 100+ trial events on local and delegated outlook calendars.
- Project was built on **Python**, **FastAPI, JavaScript, HTML, and CSS**, while the user authentication was developed using **JWT Auth,** and an **SQLITE** database.
- Enabled 20+ JML paralegals and lawyers to complete hours of calendar organisation in minutes.

**Cryptocurrency Screener**　　　　　　　　　　　　　　　　　　　　**Sep 2023 – Oct 2023**
- Engineered an interactive dashboard using **Python** and **FastAPI**, enabling real-time updates on cryptocurrency values and technical indicators; facilitated user customization options resulting in increased daily active users by more than 30%.

**Dashmote Front-End Case**　　　　　　　　　　　　　　　　　　　　**Nov 2022 – Dec 2022**
- Replicated a web application based on client design using **Vue, JavaScript**, and **HTML/CSS** where the frontend contained responsive and responsive components. Achieved 3$^{rd}$ place in the competition evaluating the appearance, functionality, and code readability.
- Flawlessly satisfied strict customer design guidelines containing 3+ requirements when designing a front-end page.

**Meal Planning Web Application**　　　　　　　　　　　　　　　　　　**Oct 2022 – Nov 2022**
- Built a meal planning web app that allows users to create 5 meal plan for specific dietary constraints which is implemented using **JavaScript**, **HTML**, **CSS**, **SQL**, and **EDAMAM's** Recipe API.
- Targeted the 26% of dieters who struggle to maintain diets, allowing them to access customizable meal plans created from a 2.3 million recipe database.

## LEADERSHIP & INVOLVEMENT

**UBC Volleyball Intramurals**　　　　　　　　　　　　　　　　　　　**Sep 2022 – present**
Team Captain
- Spearheaded the club team through 10+ volleyball intramural competitions and hosted training sessions.
- Achieved 1$^{st}$ place, 2$^{nd}$ place, and playoffs.

**UBC Maple Bacon (CTF Team at the University of British Columbia)**　　　　　**Nov 2021 – Mar 2022**
Club Member
- Contributed to weekly club meetings, led discussions, and contributed 300+ points in CTF competitions.

**KGV Men's Volleyball Team**　　　　　　　　　　　　　　　　　　　**Aug 2013 – May 2020**
Team Captain & Assistant Coach & Main Coach
- Organised and led the team through HKSSF and ISSFHK competitions by coaching and training alongside teammates. The KGV Men's Volleyball team won 12 prizes during this period.

## ADDITIONAL RELEVANT SKILLS

**Programming Languages**: Python, Java, C++, C#, JavaScript**,** HTML, CSS, SQL
**Technologies**: Git, Docker, Kubernetes, FastAPI, Flask, Node, React, SQLite, MySQL, Vue.JS