Bo Han **Chen**

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2A Mathematical Physics | #20655350

QUALIFICATION SUMMARY

- Comfortable in **Python**, basic knowledge with **C++**, currently learning **C** and **JavaScript**
- Familiar with **Black Box Testing** and **White Box Testing**, experienced in **debugging**
- Strong **attention to detail** and **technical writing** skills gained from writing laboratory reports on a weekly basis
- Excellent **collaboration** and **interpersonal** skills enhanced while participating in extracurricular activities
- Refined **organizational** and **time management** skills practiced from work experience

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PROJECTS

Tic-Tac-Toe Game   *https://github.com/ballhan/Tic-Tac-Toe-Game-Python*

- Prints out refreshing interface containing an open grid that allows users to input the coordinates in order to interact
- Prints out each step as a new grid, provided with error information when invalid moves are made and winning status

Matrix Calculator 1.0   *https://github.com/ballhan/Matrix-Calculator-Python*

- Solves systems of equations, allow users to enter any size of square matrix and row reduce using math algorithm with options to print out all the steps for future studying purpose
- Solves simple matrix operations such as add, subtract, and multiplication, prints out a clear interface with error information when an invalid input is made

Course Scheduling Helper 1.0   *https://github.com/ballhan/Course-Scheduling-Helper*

- An application built to allow users to pick, create courses, and then generate all possible timetables
- Allow users to put in the priorities for each course for better scheduling, prints out reasons of conflicts for users to easier recognize and reschedule

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EXPERIENCE

Teaching Assistant   *04/2015 to 04/2016*

Mon Sheong Chinese School

- Quickly adapted to dynamic teaching environment, taught essential day-to-day communication skills and supervised young children to behave in a safe and organized manner with great patience and dedication
- Collaborated with other assistants in the setup and hosted class plays for school's annual holiday events

Waiter/Cashier   *04/2016 to 08/2016*

Fantasy Eatery

- Provided excellent customer service with strong passion and interpersonal communication skill, collaborated effectively with co-workers on taking orders and processing customers' payments in a fast-paced environment
- Applied great time management and organizational techniques to assist manager with cleaning and delivery at maximum efficiency, increased the pace and improved the customer flow of the restaurant

Event Coordinator/Junior Associate   *05/2017 to 08/2016*

GCC-Global China Connection, University of Waterloo Chapter

- Collaborated and assisted with other executive members in the brainstorming and making events,
- Hosted events such as *GCC Professional Photoshoot* and *GCC Mock Interviews* which provided professional improvement to students

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EDUCATION

University of Waterloo   **Class of 2021**

Candidate for Bachelor of Science in Mathematical Physics