

Ben Lin

2B Honours Bachelor of Computer Science

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Summary of Qualifications

- Experience in C/C++, Python, Java, JavaScript, Object Oriented Programming, HTML, CSS, Linux, and shell scripting gained through 3 years of academic experience, as well as competitions and projects
- Experience with Git and version control software and collaboration skills gained from previous experience in coursework and projects
- Experience with testing methodologies gained from experience as an online learning assistant as well as coursework
- Strong willingness to learn as demonstrated by full course load and participation in hackathons
- Ability to work under pressure and communicate effectively as part of a team gained through experience working in the food service industry
- Time management skills gained through experience independently managing shop
- Communication and customer service skills from cashier and volunteer experience

Education

University of Waterloo, Waterloo, ON

Candidate for Honours Bachelor of Computer Science, Digital Hardware Specialization

September 2019 - Present

- Term Dean's Honours List (1A, 1B, and 2A terms)
- Term average - 91.77%, Term GPA - 3.98 (2A term)
- Relevant Courses: Elementary Algorithm Design and Data Abstraction (advanced), Object Oriented Software Development, Data Structures and Data Management, Foundations of Sequential Programs, Digital Circuits and Systems, Designing Functional Programs, Logic and Computation, Circuits
- President's Scholarship of Distinction Recipient

Projects

Online Mahjong Game

January 2021

- Started development during Hack the North 2020++, as a team of 3
- A web app built using Express, Node.js and socket.io
- Still in development

Work Experience

University of Waterloo Faculty of Mathematics, Waterloo, ON

Online Learning Assistant

September 2020 - December 2020

- Applied a user-focused testing method to ensure quality of the user experience within online courses
- Used organizational skills to manage online content and create a more streamlined experience for users of the online course
- Used communication skills to support and create weekly educational content for students

The Alley, Mississauga, ON

Server

July 2019 - August 2019

- Used effective communication strategies to manage supply throughout the workday
- Collaborated as part of a team to maintain a steady rate of production in a fast paced environment
- Effectively managed time in order to maintain ingredient supply and serve customers
- Communicated with customers to improve customer satisfaction and market popular menu items

Oceans Fresh Foods, Mississauga, ON

Bubble Tea Server

June 2018 - September 2018

- Served customers and managed the shop with minimal supervision to keep operating costs low
- Managed time in order to successfully meet daily deadlines and responsibilities
- Managed multiple tasks in order to maintain ingredient supply

Volunteer Experience

Waterloo Math Ready, Waterloo, ON

Pink Captain

August 2020 - October 2020

- Led a group of first year students through orientation activities
- Provided support and guidance for first year students

University of Waterloo Mathematics Society, Waterloo, ON

Office Worker

January 2020 - March 2020

- Handled money and equipment sign outs and handled customer requests

PLASP Child Care Services, Mississauga, ON

After School Volunteer

September 2017 - June 2019

- Supervised and interacted with young children to assist the trained staff