Justin Chow

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Skills and Qualifications

- **Programming and Hardware Skills**
  - **Two Years of Experience in Python, and Java Programming**; Currently gaining experience in C/C++, HTML, CSS, and JS through academics and side projects
  - **One Year of Experiences in Computer Hardware**; Successfully assembled PCs and breadboard circuits
- **Experiences in Microsoft Office and GSuite**; Proficient in Microsoft Word, Excel, Powerpoint, and Publisher. Over 5 years of experience using GSuite through academics
- **Teamwork/Team Player;** Effectively lead teams in Eye Hope Canada by taking initiative. Remained dedicated and committed throughout the project by actively communicating between team members and leading others towards the end goal
- **Problem Solving;** Methodically and thoroughly examined problems to approach potential solutions. Was able to successfully overcome many unexpected challenges as a skating coach. Remained determined to solve the problem while being respectful to the skater
- **Communication;** Vocal in my thoughts during group projects while maintaining a positive and equal environment. Supported a respectful and constructive rapport with my team members throughout my academic career in high school and university

Projects

[Personal Website (HTML, CSS, Javascript)](#)   Jan 2022 – Present
- Exhibited the basics of HTML, CSS, and JS to make a website interactive and simple to use
- Effectively implemented Github REST API to pull repositories information to display them on my website and learned how to develop event-based JS scripts
- Currently learning the basics of JQuery and responsive design for mobile screens

[Colour Bomb (C)](#)   Nov 2021
- Colour Bomb is an Escape Room game for the ECE 198 course that requires the use of a colour sensor, 4-bit LED display, and LEDs
- Learned how to read schematics and assemble breadboard circuits and program a Nucleo STM32F401 board using VSCode and PlatformIO. Implemented a multiplexing technique onto a 4-bit 7-segment LED display and used GIT to commit to changes for evaluations

[Typing Test (C++)](#)   July 2021
- Program tests users on their ability to type randomly generated words quickly and effectively
- Gained the basics of C++ syntax, simple call stack data structures, and object-oriented programming

[Countdown Bot (Python)](#)   April 2021
- Developed on a popular social media platform, Discord
- Allows users to quickly find how many days are left until the last day of High School, along with other fun commands
- Learned how to use and call Discord OAuth2 [API](#) functions from a script with real-world applications

[Invoice Program (Python)](#)   Dec 2020

- Automatically inputs information required for Markham Skating Club's invoices based on user input and saves the result onto an Excel spreadsheet
- Acquired knowledge of simple file management and access through code and how to use complex libraries to improve user experience (appJar and openpyxl)

Work and Volunteer Experience

Network Support Technician, University of Waterloo, 200 University Ave W, Waterloo, ON   Jan 2022 – Present
- Conducted Wi-Fi surveys using Ekahau Connect, Wi-Fi testing, and Wi-Fi client support to improve Wi-Fi network coverage and overall client satisfaction around campus
- Maintained clean and orderly telecom rooms, ensuring all devices were in working order and conformed to the University's conventions
- Effectively analyzed and resolved MANI support tickets on Jira and RT to the satisfaction of clients
- Performed installation and troubleshooted Cisco 9130 and 9105 APs around campus and residence dorms
- Created and updated knowledge-based articles and documentation

Canskate Coach, Markham Skating Club, 6041 Hwy 7 Markham, ON   Sept 2019 – Present
- Developed and implemented lesson plans, coordinated with other coaches for supervision, lessons, games, and events, and provided customer service to parents through email and in person
- Exhibited strong communication and organization skills required to effectively teach groups of up to 15 skaters ages 3 to 12

Campaign Coordinator, Eye Hope Canada   Sept 2020 – Aug 2021
- Implemented and directed all 3 major projects dedicated to community outreach and awareness through social media and email
- Proficient in team and project management, outreach to outside sources, and organization in a fast-paced environment

Education and Honours

Candidate for Bachelor of Applied Science, University of Waterloo, 200 University Ave W, Waterloo, ON   Sept 2021 – Present
- 1A (Fall 2021) Term Average – 3.7 GPA (80.2%)
- 2021 – President's Scholarship Award Recipient

Ontario Secondary School Diploma, Bur Oak Secondary School, 933 Bur Oak Ave, Markham, ON   Sept 2017 – June 2021
- 2021 – Ontario Scholar
- 2021 – YRDSB Math Excellence Award
- 2021 – Bur Oak Secondary School Character Award
- 2017 – 2021 Honour Roll

Extra-Curriculars and Awards

Figure Skating
- 2021 – Skate Canada Diamond Dance Medal and Star 7 and 9 Artistic Medal
- 2020 – Skate Canada Gold Dance Medal
- 2020 – Opening Soloist for Markham Skating Club's 2020 Ice Show
- 2019 – Skate Canada Star 9 Freeskate Elements and Gold Skills Medal
- 2017 – Markham Skating Club's Scott Fountain Award

2021 – RBC Scholarship for the Children of Employees Recipient