

Kayden Chung

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Education

University of Guelph

Expected April 2027

Bachelor of Computing Honours, Software Engineering Co-op Major, Business Minor: (GPA: 3.7 / 4.0)

Guelph, Ontario

- College of Engineering and Physical Sciences **Dean's Honours List**
- **Relevant Coursework:** Software Design, Data Structures, Object Oriented Programming, Operating Systems, Software Systems Development and Integration
- **Technical Skills:** Python, C, Java, HTML, CSS, Javascript, React, and Git

Projects

Full Stack Todo List Web App | *HTML, CSS, Javascript, React.js, Google Firebase*

- Developed a Todo List Web App using **React** for the front end, offering a dynamic user interface.
- Utilized **Google Firebase** for secure **user authentication** and **real-time database**.
- The integration of Google Firebase resulted in a 20% boost in user engagement, as users experienced instant updates across all devices.

Employee Data Record Software | *C, Data Structures, Algorithms*

- Created a software in **C** which allowed users to organize employee data information/records.
- This software examined the speed and cost efficiency of specialized **data structures/algorithms**.
- Demonstrated a 50% reduction in the time needed to access and retrieve employee data.

Baby Name Data Analysis Tool | *Python, Pandas, Data Analysis*

- Collaborated with a team of 4 to develop a **Python** program using the **Pandas library** that processed baby name data over the span of nearly 100 years in specified regions.
- **Filtered and analyzed** this data to display it in customizable graphs and compared it against the immigration levels for each year.
- Using the Pandas library to create data frames and sort the original datasets reduced the processing times by 40%.

Spotify to Apple Music Playlist Downloader | *Python, PyAutoGUI, Scripting, Automation*

- Created a **Python** script using the **PyAutoGUI library** that utilizes an online song-transferring tool to facilitate the migration of Apple Music playlists to Spotify playlists.
- **Automated the process** of transferring Apple Music songs to Spotify.
- An impressive conversion rate of 20 songs per minute resulted in a 250% increase in efficiency compared to manual song-by-song copying.

Experience

Staples Canada

Jul 2020 – Aug 2022

Technology Sales Associate

Whitby, Ontario

- Explained **technical specifications** and offered product recommendations to assist customers in making informed purchase decisions.
- Collaborated with fellow sales associates and other departments to **address client inquiries**, share knowledge, and provide seamless customer experiences.

Hobbies

Competitive Sports

- Achieved the prestigious **Canadian Baseball Nation Champion** title in 2019.
- Upon graduating high school, I received the distinguished title of **Senior Male Athlete of the Year**.