

# Peter Joel Bertone

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## EDUCATION

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### Bachelor of Computing, Honours Software Engineering (Co-op)

Sept. 2022 - Present

University of Guelph

Guelph, ON

- Completing a minor in Business
- **Related Coursework:** Data Structures, Algorithms, Software System Development & Integration, O.O.P.

## TECHNICAL SKILLS

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**Languages** - C, Python, React.js, HTML, CSS, Javascript, SQL

**Frameworks/Libraries** - Node.js, Express.js,

**Developer Tools** - Git/GitHub, Trello, Slack

jQuery, Pandas

## EXTRACURRICULARS

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### Google Developer Student Club - Event Operations Manager

Feb. 2024 - May 2024

University of Guelph

Guelph, ON

- Planned the GDSCHacks hackathon; focusing on securing buildings, funding, and sponsors. The Events Team has contacted over 300+ individuals, including UofG administrative staff, external sponsors in the Guelph area, and various UofG Computing, Business, and Engineering clubs.
- GDSCHacks had an attendance of over 200+ individuals and a budget of \$15,000, co-sponsored officially by Google, GeeksforGeeks, Major League Hacking, the College of Engineering and Physical Sciences Student Council, the School of Computer Science, the School of Engineering, Ctrl V, and more.

## WORK EXPERIENCE

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### Content Developer Co-op

Jun. 2024 - Aug. 2024

School of Computer Science - University of Guelph

Guelph, ON

- Developing a music live-streaming platform for K-Pop artists using Node.js, Express.js, React.js, Firebase, and APIs from YouTube, Twitch, and Spotify, while independently setting and achieving project goals.
- Analyzing and implementing project requirements, focusing on creating engaging and interactive user interfaces, regularly documenting progress for future reference, and writing weekly reports for our project manager.
- Utilizing Trello's Kanban board to manage tasks and deadlines, enhancing project efficiency and organization.

### Mortgage Servicing Representative - Summer Student (Remote)

May 2023 - Aug. 2023

MCAP

Waterloo, ON

- Used Genesys Telephony systems to answer customer calls, and send emails to customers containing important mortgage details such as property tax information, and bank account change documentation.
- Used MARSweb and knowledge of company policies to answer customer questions regarding mortgage details such as payment increases/decreases, payment frequency changes, creating lump-sum privilege payments, etc.

## PROJECTS

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### Billiards Pool Game

2024 - Present

- Utilized C, Python, SQLite, Javascript, HTML, CSS, SVG images, and jQuery to develop a billiards pool game.
- Complex calculations are done on the C back-end, and saved to the SQLite database, which is then read by the Python web server. The web server communicates data to the browser to display the billiard table and shots.

### Typing Speed Test Website

2023 - 2024

- Successfully developed a responsive web application with a partner using HTML, CSS, Javascript, and Firebase. The site starts a timer when you begin typing, and updates the screen with your speed upon completion of the writing piece.
- Utilized Firebase for user authentication via Google, and implemented a Firestore database that stores basic user information. In addition, a quote generator API is used to fetch a new sentence each time a user visits the site.