

MALCOLM WRIGHT

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EDUCATION

University of Guelph

Bachelor of Computing, Computer Science (Honours, Co-op)

Minoring in Business

GPA: 3.8/4.0 cumulative (87.37% overall)

Guelph, ON, Canada

2019 - 2024 (expected)

EXPERIENCE

Microsoft

Incoming Software Engineer Intern - OneDrive SharePoint (ODSP) team

Redmond, WA

May 2022 - July 2022

Tulip Retail

Software Developer Intern - LiveConnect team

Kitchener, ON

September 2021 - December 2021

- Created custom hooks along with Jest unit tests for the web chat widget giving clients the ability to track specific conversation metrics.
- Increased keyboard accessibility by 165% using JavaScript, allowing the user to navigate the web chat widget entirely with the keyboard.
- Added ARIA content to UI elements for a 100% improvement with screen reader accessibility.
- Contributed to the PHP back end of the Tulip API allowing conversations to be reassigned and for linked customers to be removed within the iOS LiveConnect app.

Microsoft

Explorer Intern - Commercial and Consumer Revenue Services team

Redmond, WA

May 2021 - August 2021

- Developed an actionable dashboard in Power BI to display unrecognized accounting value of gift cards and tokens up to \$10 million.
- Optimized, consolidated, and documented a financial record reprocessing tool in C#, resulting in a 50x speedup by leveraging parallelization and streamlining the workflow.
- Worked in a pod of two other interns, leveraged knowledge from multiple full-time employees and worked in partnership with other teams.

School of Computer Science - University of Guelph

Teaching Assistant for CIS 1500: Introduction to Programming

Guelph, ON

September 2020 - December 2020

- Taught introductory concepts of computer science: variables, scope, control structures, arrays, strings, and Unix in three 50-minute weekly lab sessions.
- Marked worksheets and programming assignments in a class size of approximately 800 students with great attention to detail and in a timely manner.
- Ensured students understood the material and answered any questions through weekly office hours.

SKILLS

Languages:	Java, C#, C, HTML/CSS, Kotlin, JavaScript, PHP, SQL
Frameworks/Libraries:	Bootstrap, Vue.js, Node.js, Express, Espresso, Jest
Tools:	Git, Gradle, Power BI, MySQL, Docker, Postman, CI/CD

PROJECTS

Lawn Companion Kotlin, SQL

Developing an Android app to help with optimal lawn care needs written in Kotlin. Gaining an understanding of Kotlin and Android development.

NBA Trivia Web App Node.js, Vue.js, Express.js, JavaScript, Bootstrap

Developed a full-stack NBA trivia web app allowing users to test their general knowledge of the NBA. Used Node.js and Express to create the back end for accessing questions and Vue.js and Bootstrap for the front-end.

AWARDS

Tim Hortons Scholarship

Wrote an essay about one word that described Tim Hortons, and how it represents the Tim Hortons brand. 1 of 200 successful recipients in Canada of Tim Hortons scholarship.

Tim Hortons

August 2019