

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)

SKILLS

Languages: Java, C#, C, HTML/CSS, Kotlin, JavaScript, Python, PHP, SQL

Frameworks/Libraries: Bootstrap, Vue.js, Node.js, Express, Espresso, Jest, React

Tools: Git, Gradle, Power BI, MySQL, Docker, Postman, CI/CD

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 on 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.

PROJECTS

Lawn Companion

- Developed an Android app using Kotlin and OpenWeatherMap API that suggests when to cut your lawn based on local weather forecast data and the timing of your previous cut.
- Released to the Google Play Store with 15+ installs.

NBA Trivia Web App

- Created full-stack NBA trivia web app allowing users to test their general knowledge of the NBA.
- Hosted on Heroku with the back-end utilizing Node.js and Express.js while the front-end uses Vue.js and Bootstrap.

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