

CHRISTOPHER MARCOK

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EDUCATION

University of Toronto, St. George Campus
Honours B.Sc. in Computer Science, Year 3

Sep. 2017 - Apr. 2022 (*Expected*)

- **Cumulative GPA:** 3.82/4.00
- **Relevant Coursework:** Algorithms & Data Structures, Software Engineering & Design, Databases, Web Programming, Computer Networks, Operating Systems

WORK EXPERIENCE

Oracle, Toronto, Canada
Software Developer Intern

May 2020 - Present

- Optimized web page HTTP requests using GraphQL & REST to reduce page load times by 500%.
- Designed and implemented a project wide logging solution to allow app developers to query and view logs pertaining to their apps.
- Created a distributed Slack application to allow developer's Slack channels/email addresses to subscribe to application notifications using the Oracle OCI Notification Service API.
- Implemented an advanced search which leveraged cached data from other microservices for quick search results.

Ontario Power Generation, Toronto, Canada
Co-op Student

May 2019 - Aug. 2019

- Developed and deployed a team landing page on the Microsoft SharePoint platform using HTML, CSS, JavaScript and JQuery.

PROJECTS

Medical Note Taking App

- Worked alongside Harvard Medical School graduate researchers to develop a note taking app that collates and curates statistics on how students approach clinical problems.
- Utilized Google's Cloud Vision API to read handwritten notes and integrated with the Isabel differential diagnosis tool to dynamically provide diagnosis suggestions to medical students.
- Built with React, Express, and PostgreSQL; written entirely in TypeScript.
- Configured continuous deployment using GitHub and Heroku.

Expense Splitting Web App

- Designed and built using React, and Express for users to share and divide expenses within groups.
- Facilitated real-time chat functionality via socket.io and handled user payments through PayPal's REST SDK.
- Implemented user authentication with the Google OAuth API.

Personal Finance Tracker

- Used SQLite to store data about user purchases and preferences.
- Displayed graphs to visualize user spending.

TECHNICAL SKILLS

Languages

TypeScript/JavaScript, Java, Python, HTML/CSS, C

Technologies & Other

React, Redux, Git, SQL, Spring, REST, GraphQL, Agile Development