CHRISTOPHER MARCOK

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EDUCATION

University of Toronto, St. George Campus — Sep. 2017 - Apr. 2022 *(Expected)*
Honours B.Sc. in Computer Science, Year 4

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

WORK EXPERIENCE

Amazon - Toronto, ON — Jun. 2021 - Aug. 2021
Software Developer Intern

- Designed, engineered, and deployed a self-service data visualization tool using Java Spring and d3.js for seller support which resulted in a reduction of support ticket volume by 10% and improved developer onboarding.
- Deployed a JavaScript unit test runner using Node.js within the CI/CD pipeline to safeguard against broken builds.
- Drafted a data-driven technical specification proposal which compared multiple project implementation approaches and received unanimous team approval.

Oracle - Toronto, ON — May 2020 - Jun. 2021
Software Developer Intern

- Developed and deployed a new microservice using Java Spring, Docker, and Kubernetes to allow Oracle marketing products to leverage SMS messaging within marketing campaigns.
- Improved web page load times by up to 500% by optimizing Oracle database queries within the Oracle application management service.
- Designed and implemented a logging solution to allow app developers to query logs pertaining to their applications in order to diagnose failures and reduce support ticket volume.
- Developed a Shopify app using Java Spring and React to support marketers in synchronizing Shopify store data with Oracle marketing products.

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.

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 web-sockets.

TECHNICAL SKILLS

Languages	Java (Spring Boot), TypeScript/JavaScript (ES6), Python, HTML/CSS
Technologies & Other	React, Redux, Docker, Kubernetes, CI/CD (TeamCity), Git, SQL, REST/GraphQL, UNIX, Jira, Agile Development