

# Michael Pereira

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## EDUCATION

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### Ryerson University

September 2018 – May 2023

- Bachelor of Science in Computer Science (Dean's Scholar)
- Relevant Courses: Data Structures & Algorithms, Software Engineering
- Undergraduate Research Assistant: MFI Lab Full-Stack Developer

## FUNCTIONAL SKILLS

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- **Languages:** Proficient: Typescript/JavaScript, React, Java, Vue.js    Familiar: Node.js, Angular
- **Software:** Proficient: AWS, JIRA, Linux, Git, Docker, Jenkins    Familiar: Figma, NewRelic
- **Databases:** Proficient: DynamoDB, PostgreSQL, MongoDB    Familiar: DocumentDB, MySQL
- **Servers:** Proficient: Express, Spring Boot, AWS Lambda    Familiar: IIS, EC2

## RELEVANT EXPERIENCE

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### Ryerson University – Toronto, ON

#### Full-Stack Software Developer

January 2022 - Present

- Developing a web platform for clinicians to upload their surgeries to be graded by surgeons and experienced professors. This platform's client uses Nuxt, Typescript, and Buefy. Additionally, this platform's server uses Java, Spring Boot, and JWT. Lastly, this platform's cloud infrastructure includes AWS DynamoDB, API Gateway, S3, and EC2
- Recreating an existing chrome extension that creates an advanced Google event and provides additional in-meeting features created using HTML, CSS, JavaScript, and Bulma

### IBM – Markham, ON

#### Full-Stack Software Developer Intern

January 2022 – August 2022

- Developing client app using Cognos Analytics services using React Native, JavaScript/Typescript, and IBM's Carbon Design System
- Updating the client's server by enhancing and creating reliable and essential backend APIs
- Efficiently released quality updates with new features and bug fixes to Apple's App Store and Google's Play app store

### CaseWare International – Toronto, ON

#### Full-Stack Software Developer Intern

May 2021 – August 2021

- Developed with Angular, Typescript, Spring, Java, C#, and AWS
- Created and executed migration scripts, stored, and retrieved data using MSSQL and MongoDB
- Consistently beat the end of sprint deadlines for bug fixes/feature requests and received appreciation from distributors/clients

#### Software Developer in Testing Intern

September 2020 - April 2021

- Using Java, TestNG, and Gradle, wrote API tests to verify the back-end server's logic and its API
- Using TypeScript and Cypress, wrote front-end tests to verify elements on the page and to ensure intended client usage/behavior is working accordingly
- Excelled using AWS resources for product features and testing such as Dynamo, SQS, SNS, SES, API Gateway, and Lambda functions
- Created GitHub workflows and actions for CI to run tests on PR and Post Deployment