Nate MacLeod

University of Waterloo Student ID: 20957188

🏠 natemacleod.com   natemacleod   in natemacleod   ✉ nate.macleod@uwaterloo.ca

SKILLS

LANGUAGES

C • C++ • Python • Java • Kotlin • HTML • CSS • JavaScript • TypeScript • Bash • SQL • LaTeX

TECHNOLOGIES, FRAMEWORKS, TOOLS, AND PLATFORMS

Vue • React • Git • GitHub • Visual Studio Code • Firebase • Windows • Linux • Android Studio • MongoDB • JSF • Selenium

WORK EXPERIENCE

NCR CORPORATION | FULL-STACK SOFTWARE DEVELOPER | JAVA, JAVASCRIPT, REACT, JSF, SQL
January 2023 – April 2023 | Waterloo, ON, Canada
- Designed and developed new features and fixes for the NCR Passport web application as a member of a small Agile team
- Collaborated with team members to refactor an existing SOAP API into a JSON-based REST API, improving efficiency and reducing overhead
- Applied various optimizations to the project's Maven build process to reduce its build time by over 75%, and fixed over 200 broken Jest unit tests in the React application

CTRL V INC. | VR SPECIALIST
August 2020 – December 2022 | Waterloo, ON, Canada
- Worked with a small team to provide customers with exceptional virtual reality experiences in Canada's first VR arcade
- Planned and executed solutions to technical issues quickly, often under pressure, in both independent and team-based settings, responding 2 times faster than the overall company average
- Interacted with customers of all ages, as well as with large groups, in a professional yet approachable manner, resulting in high levels of customer satisfaction

PROJECTS

WATLINK | VUE, JAVASCRIPT, CSS, FIREBASE | GITHUB REPOSITORY
2022
- A web application enabling University of Waterloo students to find groups for studying, social events, or anything else
- Uses the Firebase API, including the Authentication and Firestore services, to securely organize user accounts and data

PERSONAL WEBSITE | HTML, CSS, JAVASCRIPT | NATEMACLEOD.COM
2022
- A static website (made with pure HTML, CSS, and JS) containing information about me, my skills, and my projects.
- Responsive for all screen sizes, and includes interactive elements such as a simple Snake game

SMARTSTEPS | KOTLIN, SQL, ANDROID STUDIO | GITHUB REPOSITORY
2021
- An Android Wear step tracker app that determines daily goals based on a user's walking habits
- Uses current Android best practices including Jetpack Compose for UI and a Room SQLite database for data storage

EDUCATION

UNIVERSITY OF WATERLOO | SEPTEMBER 2021 - 2026 (EXPECTED) | WATERLOO, ONTARIO, CANADA
Program: Bachelor's of Mathematics, Computer Science (BMath CS)
Cumulative GPA: 95%
Relevant Courses: Elementary Algorithm Design and Data Abstraction (**C**), Introduction to Object-Oriented Programming (**Bash, Linux, C++**), Logic and Computation, Data Structures and Management (**C++**), Foundations of Sequential Programs (**C++**)