Kyle Burley
342 Binns Ave, Newmarket, ON, L3X 1T6
Tel: 905-251-2318 Email: burleykyle10@gmail.com

EDUCATION

Western University (UWO), London, ON, Canada   **2022-Present**
Candidate for Bachelor of Engineering, B.E.Sc. Software Engineering
- Western Scholarship of Distinction (Admission average of 92%-100%)
- Dean's honor list for the 2022-23 and 2023-2024 Fall/Winter Terms
- 2023 and 2024 Scholar Athlete Award for obtaining an 80+ average while playing on a varsity team.

PROGRAMMING SKILLS

Programming Languages
- Java, JavaScript, C#, SQL, Python, TypeScript

Web and App Development
- HTML, CSS, React, React Native, Node.js, Firebase

Software and Tools
- Git, Unity, Bash, and PowerShell

Relevant Completed Courses
- Data Structure and Algorithm for Object-Oriented Design (Java)
- Scripting Programming Language Fundamentals (JavaScript, HTML, CSS)
- Software Design (Java)
- Software Construction (C# and Unity)
- Web Technologies (JavaScript, HTML, CSS, NodeJS, Vite + React)
- Database Management Systems (SQL)

PROGRAMMING PROJECTS

React + Vite
- Developed a responsive React + Vite web application that allows users to create and manage personalized travel destinations linked to individual accounts. Designed and implemented a custom API to handle data requests and user interactions, ensuring seamless communication between the front-end and back-end. Utilized Firebase for user authentication, database management, and real-time data syncing. Leveraged state management with React hooks and optimized performance with Vite for fast rendering and efficient asset bundling

C# and Unity
- Designed and developed a 2D pirate-themed game in Unity using C#, featuring interactive gameplay mechanics, enemy AI, treasure collection, and dynamic level design. Implemented object-oriented programming principles to manage game state, character movement, and collision detection, while integrating animations, sound effects, and user interface elements for an engaging player experience

ATHLETICS AND LEADERSHIP

Western Mustangs Varsity Lacrosse   **2022-Present**
- Member of the championship-winning team in 2023 & 2024.
- Demonstrated leadership, teamwork, and dedication through rigorous training and competition.

SOCIAL LINKS
- **GitHub:** https://github.com/kburley7
- **Linked-In:** www.linkedin.com/in/kyle-burley-4991882aa