

# SHUBHAM MALHOTRA

+1(647) 833-6592◇ Windsor, ON

[Personal Website](#) ◇ [Linkedin](#) ◇ [Github](#)

## EXPERIENCE

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**Software Engineer**  
KoolHaus Games Inc

Apr 2022 - Dec 2022  
*Vancouver, BC*

- Played a key role in developing Temple Run for Apple Arcade, a game with over 5 million downloads and a stellar 4.5-star rating.
- Utilized Unity and C# while also creating essential plugins in Objective-C.
- Focused on enhancing gameplay by incorporating controller input, resulting in a 20% increase in player engagement.
- Innovatively implemented lane-based movement for various platforms, including Apple TV, Mac, and controller input.
- Elevated the gaming experience by upgrading assets to support stunning 4k resolution for Apple products.

**Teaching Assistant**  
University of Windsor

Jan 2023 - Present  
*Windsor, ON*

- Experienced in teaching students data structures and algorithms, such as trees, linked lists, sorting algorithms, and graph algorithms.
- Developed course materials and study guides to help students understand the topics in-depth.
- Assigned and graded homework, quizzes, and exams to evaluate student progress.
- Mentored and provided guidance to students as they worked on their projects.

## SKILLS

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- Programming Languages: C#, C++, Java, JavaScript, Python, TypeScript
- Tools and Frameworks: Visual Studio Code, React, NextJS, Git, GitHub, Perforce, P4Merge, Jira, Slack
- Databases: SQL, MongoDB

## EDUCATION

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**Bachelor of Science Honours Computer Science with Software Engineering Specialization Co-op**,  
University of Windsor Expected 2024

## AWARDS AND CERTIFICATIONS

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- Highest Overall GPA in Computer Science April 2023
- Presidents Honour Roll Jan 2022- Present
- University of Windsor's Dean's Honour Roll May 2022- Present
- Outstanding Candidate Scholarship (University of Windsor) Jan 2021- Present

## PROJECTS

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**Adopt ME!.**

[Github](#)

- Developed a user-centric web application in React for facilitating pet adoption, integrating RESTful APIs to fetch real-time data on pets available for adoption within specified regions.
- Implemented advanced search functionality with filters for breed, size, and location to streamline the user experience, leading to a more intuitive and efficient pet selection process.

**F1 Stats Analyzer.**

[Github](#)

- A web scraper built using JavaScript and Cheerio that scrapes the web for F1 Driver Stats and returns the data in a nice JSON object.
- Collaborated with a team to enhance user interaction and continually improve the model's features based on real-world data.