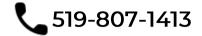# Rohan Shetty

1A Software Engineering Student at UWaterloo. 4+ years of experience with Python, JavaScript/Node.js, and C#/Unity. Strong communication and interpersonal skills as demonstrated by over 3 years of job experience. Seeking a Software Engineer position in backend, full stack, or game development.

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Education

- **Candidate for Bachelor of Software Engineering, University of Waterloo, Waterloo, ON | 2021-2026**
- **Sir John A. Macdonald Secondary School | 2017-2021**

Experience

Logistics Organizer - JAMHacks V

Fall 2020-Summer 2021

Organized Waterloo's largest high school hackathon. Contacted and built relationships with sponsors, set up judging system and ran various activities for hackers.

Tennis Instructor - Upper Beechwood II

Summer 2019-Summer 2020

Taught tennis to children aged 4-14. Planned lessons covering numerous tennis skills from simple ground strokes to serving and court positioning while following COVID-19 restrictions.

Aquatic Assistant - Waterloo Recreation Complex

Fall 2018-Winter 2019

Assisted swimming lessons for children aged 4-10. Facilitated communication between parents and instructors and accommodated children with special needs.

High School Volunteer - ESQ Summer Camp

Summer 2018

Assisted children aged 8-12 with various software-related activities, including 3D modeling, game development, and more.

Key Projects

- **Tuesday Night Tempo**—A rhythm game created in Unity that uses MIDI analysis and Arduino sound detection to receive inputs from an acoustic drum set. Winner of Hack the North 2021.
- **Tabular**—A Python-based program that can run any keybind using OpenCV facial recognition and a Raspberry Pi. Winner of Hack the North 2020++.
- **Wallpaper Wizard**—A C# WPF application that changes the user's wallpaper based on the weather and time of day. Over 1600 downloads on itch.io.
- **Communol**—A real-time, collaborative whiteboard built on Node.js that provides an infinite space to jot down notes and ideas.

Skills/Knowledge

- JS—Node, MongoDB, HTML/CSS **(5 years)**
- Python—Flask, PyTorch, OpenCV **(4 years)**
- C#—Unity, OculusVR, WPF **(3 years)**