ARYAN THATTE

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❯ SKILLS

Languages: Java, C++, Python, Javascript, C, SQL, HTML, CSS, C#
Tools/Frameworks: Git, Firebase, Google Cloud Services, Node.js, React.js, Unity, Vision API, Visual Studio, Netbeans, Android Studio, Eclipse, ReactStrap, Three.js, OpenCV, Raspberry Pi
Operating Systems: Windows, MacOS

❯ PROJECTS

i4Noi | McHacks7 — 3rd Place
• Built an IoT product that aids the visually impaired by alerting them of their surroundings with an ultrasonic sensor and won 3rd place among 500+ participants
• Written in Python and implemented with Google's Assistant and Vision API on a Raspberry Pi

Ouch! DeSlouch | uOttaHack3
• Developed a web application that applies a computer vision algorithm to detect and notify users of poor posture with a 93% success rate
• Implemented React.js, C++, OpenCV, Javascript, and ReactStrap

WeWii | HackTheHammer2
• Programmed a web game that competed with 130+ participants which sends smartphones' real-time gyroscope data to the web game
• Premise of the web game is to tilt your phone causing your ball in the game to roll into the hole while avoiding to touch your opponent's ball
• Deployed and built using Node.js, Java, Firebase, and Three.js

Solar System Simulator
• Deployed a simulation of the solar system in 3 weeks using Unity which features 9 customizable views and rotation preferences that enable users to intuitively navigate through the simulation
• Programmed and architected with C#

❯ EXPERIENCE

Sound Engineer   Aug. 2019 - Current
• Independently founded a business to provide DJing and audio entertainment services that serve social events, weddings, and parties
• Developed a script that allows guests who want to request songs to send a link of a song that will automatically be downloaded and imported into my DJ software

Mathematics Teacher   Jun. 2018 - Aug. 2020
• Taught mathematics from the International Baccalaureate and Ontario curriculums to students ranging from grade 6-12
• Designed lesson plans as well as communicated with clients on availability and expectations
• Marketed on social media and advertising platforms

❯ EDUCATION

University of Waterloo   Sep. 2020 - Apr. 2025
Bachelors of Computer Science, Accounting and Financial Management
• Awarded President's Scholarship of $2000.00

❯ EXTRACURRICULARS

Competitive A Capella · Assistant Music Director - The WaterBoys   Sep. 2020 - Current
• Lead the team by hosting weekly meetings and assigning responsibilities related to competing in the International Championship of Collegiate A Cappella
• Utilized project management skills by organizing sectional rehearsals 2 times a week and assisting members with any difficulties they are having

Music Producer and Songwriter   Dec. 2019 - Current
• Compose and produce songs using Logic Pro X along with stock and external plug ins
• Design and arrange covers of songs using Final Cut Pro