AARYA SHAH

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# Education

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| September 2021 – July 2026BAchelor of mathematics, University of waterloo Recipient of the Waterloo President’s Scholarship |

# Experience

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| July 2019 – September 2019STEWArdship COordinator, Riverwood Conservancy  * Contributed to a local park by removing invasive species * Initiated towards becoming a **fast learner** by studying wildlife and its behaviors * Effective **team working skills** to complete various tasks such as feeding animals and removing harmful plants |
| September 2019 – September 2020Audio and Visuals Technician, St. FRancis Xavier SS  * Participated in the organization of important administration board meetings * Proficient at working with **new technologies** such as PowerPoint, audio mixers and media platforms * Excellent **problem-solving skills** related to event management under pressure  october 2020 – PresentCO-FOunder and Tutor, LAT Academics  * Co-founded a free tutoring organization during COVID to help students catch up with the curriculum and help tutors gain experience * Strong **leadership skills** to collaborate with other tutors by planning and managing schedules * Tutored high level math, business, accounting and computer science * Exceptional **communication skills** with students of various personalities |

# Projects

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| **Grocery Shopping Game**   * Extensive use of python to code the game * Used analytical skills including coordinates and data sets to animate, enhance graphics and assign controls * Was built to appreciate the essential workers during the pandemic |
| **Built a Robot on Robocode**   * Wrote automation in java * Was built to battle other robots created in the past by other programmers * Robot typically finished in top 3 of the highest performing robots within a group of 30 competing students |
| **Built a Population Database (NEED TO REPLACE THIS)**   * Wrote automation in a group of classes in java using git * Searching and Sorting a list of items in this case being a population database * Used analytical skills to effectively search and sort data |
| **Math Concepts collection of spreadsheets**   * Created over 50 spreadsheets covering all concepts of high school mathematics and physics * Used a variety of Microsoft Excel functions including macros and VBA * Increased efficiency of solving mathematical and physics problems by reducing 50% of time |

# Technical Specialities

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| * Python, Java, Microsoft Excel, VBA, HTML, CSS, Visual Basic, GML (Gamemaker Language) |