

Navjeet Doad

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EDUCATION

University of Waterloo

Bachelor of Mathematics (Major Undeclared)

- CGPA: 3.84/4.00

09/2020 – present

Waterloo, Canada

Vincent Massey Secondary School

Ontario Secondary School Diploma

- 92% Top 6 Average

09/2016 – 06/2020

Windsor, Canada

TECHNICAL SKILLS

- Technologies/Markups: HTML, CSS
- Programming Languages: Java, Python, C/C++, Scheme, Lua

PROJECTS

Personal Website [🔗](#)

01/2021

- A personal website made for the purpose of keeping a portfolio of side projects
- Created in **HTML** and **CSS**

A-Star Pathfinding Algorithm Visualizer [🔗](#)

12/2020

- A program that uses the A-Star pathfinding algorithm in order to visualize the shortest path between a start point and an end point of the user's choosing
- Allows the user to put down barriers, which the algorithm will avoid when generating a path
- Made using **Python** and the **Pygame** framework

Binding of Isaac [🔗](#)

04/2018 – 06/2018

- A recreation of the famous top-down dungeon crawling video game Binding of Isaac
- Implemented features such as multiple rooms, power-ups, enemy AI, and a live mini-map
- Developed in **Python** using the **Pygame** framework and the **Math** module to modify in-game physics

ORGANISATIONS

Windsor Miracle Food Drive

06/2020

Volunteer

Windsor, Canada

- Gathered non-perishable food donations from residents across Windsor

Children's Christmas Party

12/2018

Event Host

Windsor, Canada

- Coordinated events for underprivileged children at Vincent Massey Secondary School

AWARDS

President's Scholarship

20/05/2020

University of Waterloo

- An entrance scholarship of \$2000 awarded to incoming students with an admission average between 90% and 94.9%.

Certificate of Distinction for Hypatia

04/2019

Vincent Massey Secondary School

- A certificate given out for placing in the top 25% in the Hypatia math contest in the school

LANGUAGES

- English
- Hindi
- Punjabi