Nafiz Hasan

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Windsor, ON N9E 4S7

Education

- **University of Windsor** — Windsor, ON
  Bachelor of Computer Science (Honours) - Computer Science — *Sep. 2021 - Current*
  Co-operative Education
    - Completed fall 2021 term with a Major average of **97.5%**
    - Completed Winter 2022 term with a Major average of **95.6%**

- **Vincent Massey Secondary School** — Windsor, ON
  High School — *2017-2021*
    - Graduated with Honors, **94%** top 6 average, and Honour List each year.
    - Relevant courses: Computer Science (ICS4U), Advanced Functions (MHF4U), Calculus and Vectors (MCV4U), Mathematics of Data Management (MDM4U), English (ENG4U)

Projects

- **Chat App**
  React and Firebase — *2021*
    - Recreated Microsoft Paint with a Mario theme using Pythons Pygame extension.
    - Implemented a spray-fill algorithm to create a spray paint tool for users
    - Designed a list storage system, enabling undo/redo functionality

- **Randomly Generated 2D Platformer**
  Java — *2019*
    - Recreated Microsoft Paint with a Mario theme using Pythons Pygame extension.
    - Implemented a spray-fill algorithm to create a spray paint tool for users
    - Designed a list storage system, enabling undo/redo functionality

- **Space Invaders Game**
  Java — *2019*
    - Recreated Microsoft Paint with a Mario theme using Pythons Pygame extension.
    - Implemented a spray-fill algorithm to create a spray paint tool for users
    - Designed a list storage system, enabling undo/redo functionality

- **Paint and Drawing Application**
  Python and Pygame — *2018*
    - Recreated Microsoft Paint with a Mario theme using Pythons Pygame extension.
    - Implemented a spray-fill algorithm to create a spray paint tool for users
    - Designed a list storage system, enabling undo/redo functionality

Awards

Dean's Entrance Scholarship ($10,000)   2021
Vincent Massey Academic Achievement Award   2020

Skills

Languages: C/C++, Java, Python, C#, HTML/CSS, JavaScript, LaTeX

Technologies: Pygame, NodeJS, MongoDB, React, Mongoose, Express, Git/Github, Unity

Miscellaneous: Strong verbal and written communication skills, excellent troubleshooting and debugging skills, exceptional problem solving skills, good teams skills

Interests

Academic: Creating software, Artifical inteligence, Video game design

Membership: Computer Science Society member

Other: Reading novels, Chess