AMANDA XI

SOFTWARE DEVELOPMENT/DESIGN

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CONTACT

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EDUCATION

2020-2024
RICHMOND HILL H.S.

- AP/STEAM Student, **4.0 GPA**

2024 - 2029
UNIVERSITY OF WATERLOO

- Bachelor of Computer Science, **4.0 GPA**

SKILLS

- Tools:
  - LinuxOS (WSL), Git, Docker, OpenCV, Adobe Suite (Photoshop, Illustrate, Animate, Premiere Pro), Canva
- Frameworks:
  - React, MySQL, Sass, Bootstrap, Java Swing, Pygame
- Full-stack development
- Art/Design

LANGUAGES

- Python
- Java
- JavaScript/Typescript
- HTML/CSS
- Racket

WORK EXPERIENCE

Kumon Oak Ridges   2023-2024
Early Learners Assistant

- Worked with children aged 4-8 in math, reading, and writing

DEVELOPMENT EXPERIENCE

Hack the North 2024:
- **OpenCV, Python**
- Implemented lip-reading and text-to-speech **API** to create an application for speech-impaired individuals

Projects:
- Games using **Python** (**Pygame**) and **Java** (**Swing**)
- Portfolio site using **React, Typescript, HTML, CSS**

CanHack 2022:
- Executed web and database exploits with HTML, Python, and PostgreSQL
- Won **1st place school** in Canada

HONOURS & AWARDS

Governor General's Academic Medal   2024
- Achieved **highest grade 11/12 average** in RHHS class of 2024

Ted Rogers Future Leader   2024
- Recipient of Ted Rogers Future Leaders scholarship

AP Scholar Award   2024
- Received **level 5** on **3 AP exams** (English Lit, CSA, CSP)

Waterloo Math Contest Distinction   2020-2024
- Group 5 (**top 2%**) in Cayley 2022
- **Top 25%** in Euclid 2023, CIMC 2020, CSMC 2022, Fermat 2023, Galois 2022, Canadian Computing Competition (Junior and Senior)

EIPMA Student Film Winner   2024
- Managed production, directed, and animated for Vaughan International Film Festival first place short film

LEADERSHIP

Waterloo Campus Crusade for Cheese   2025
- **Cheese Club President**:
  - Manages executive team and club activities