

# Aryan Gandevia

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## EDUCATION

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### University of Waterloo

September 2022 – Present

Bachelor of Computer Science, Honours (Co-op)

(GPA: 3.85)

- **Relevant Courses:** Algorithm Design and Data Abstraction (Advanced), Designing Functional Programs, Proofs, Linear Algebra I, Calculus I and II

## SKILLS

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**Languages**     Java, Python, JavaScript, Racket, HTML/CSS

**Frameworks**   Django, Node, React, Next.js, JSwing, Tkinter, Tailwind CSS

**Tools**             Git, Google Firebase, Vercel, Google Speech-to-Text API, Facebook Wit.AI API, Socket.io, p5.js

## PROJECTS

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### Mindspace | Google Firebase, React, Next.js, Tailwind CSS

Link: <https://mindspace-aryan-gandevia.vercel.app>

- Developed a full-stack social media application that allows users to share life updates via comments and posts
- Built out a scalable backend that includes an authentication system, a hosted database cluster and a fully functional API that enables the frontend client to fetch, add, edit, and delete users' posts and comments

### UWVision | Python, Django, React, Node

Link: <https://uwvision.com>

- Part of a small team that is building a platform for UWaterloo students to rate and share their co-op experiences
- Designed resilient backend endpoints in Django and responsive frontend components using React to enable the display of new company information on the website

### Auricular.ai | Python, Tkinter, Facebook Wit.AI, Google Speech-to-Text API

Link: <https://devpost.com/software/auricular-ai>

- Created an AI-assisted note-taking application that parses through an audio file (ex. live lectures) in real-time, and notes down phrases of importance based on the user's preferences
- Awarded 2nd place in Hack the North 2020++'s Facebook API Category

### Blackbeard's Breakout | Java, JSwing

Link: <https://devpost.com/software/blackbeard-s-breakout-2-dimensional-platformer>

- Designed a 2D platformer video game that teaches children how to remain safe during the COVID-19 pandemic in an engaging and interactive way
- Built a rendering engine, physics engine, character models, screen states and levels from scratch

### Handpong | React, p5.JS, Node, Socket.io

Link: <https://devpost.com/software/handpong>

- Constructed an online, multiplayer parody of Pong that allows players to control their paddles with their hands through using motion sensor technology

## LEADERSHIP EXPERIENCE

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### Founder and President of UNICEF WLMAC

September 2021 - June 2022

- Led a club of 40+ members working alongside UNICEF Canada, raising \$1000+ for various humanitarian causes
- Learned how to successfully plan and execute school-wide fundraising events which involved collaboration and a thorough understanding of marketing and product distribution

## AWARDS AND DISTINCTIONS

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- **2nd place** - *Hack the North Facebook API Category* | awarded by Facebook in 2020
- **Top 10% Distinction** - *Euclid Mathematics Competition* | awarded by the University of Waterloo in 2021, 2022
- **Top 15% Distinction** - *Canadian Senior Mathematics Competition* | awarded by the University of Waterloo in 2021