# Colin Cockburn

6475272697 • Kingston, ON • colin@thecockburns.com

## WORK EXPERIENCE

**Mobile Development Intern**|Project: Human City                                   December 2022 - February 2023

As a mobile developer intern, contributed to a React Native mobile application using JavaScript, collaborating with the development team to implement new features, debug issues, and improve the overall user experience.

## START UP COMPANY

**Motiv App**|Chief Sales Officer, Customer Success Manager                                   2021- Present

- Start up in the development stage of a mobile application meant to combine event planning and social media specifically for university students. Allows students and local businesses to post public or private events as well as giving students easier access to information about their social circles plans.

## PROJECTS / EXPERIENCE

**AWS DeepRacer Hackathon**                                   March 2023

Python, AWS

Participated in a hackathon and gained hands-on experience with AWS DeepRacer, applying machine learning concepts to develop a self-driving model car.

- Strong focus on coordination and collaboration.

**2D Platformer Video Game**                                   January  2023 - April 2023

C#, Unity

Collaborated with a team to develop a 2D platformer using Unity, implementing features such as player movement, enemy AI, level design, and game mechanics, resulting in a fun and engaging game experience.

- Used Git for version control

**Airbnb Knock Off**                                   September 2022 - December 2022

Python, SQLAchemy

Led a team project that involved building a command-line interface application with Python and SQLAlchemy to mimic Airbnb's functionality, implementing features such as user authentication, property listings, booking management, and database management.

- Used Git for version control
- The project required an emphasis on coordination and communication.

**Wordle Answer Calculator**                                   April 2022

Python, Tkinter.

Calculator that takes game state as input and outputs the optimal next possible guesses. Utilizes Tkinter toolkit for the UI. Calculations based on average information entropy and word usage frequency data.

- Deals with computing, storing, and accessing large amounts of information as well as solving efficiency issues.

## EDUCATION

**Queen's University** | Bachelor of Computing Honors, Computer Science Specialization.                                   Expected April 2024

- Currently in the third year of the program and pursuing focus in artificial intelligence.
- Current GPA: 4.02 (4.3 scale)

## TECHNICAL SKILLS

Python | Java | JavaScript | React Native |  C | C# | Git | Linux Shell Scripting | Swift / Xcode (beginner)

## SOFT SKILLS

Collaboration | Communication | Independence | Adaptability | Creativity | Curiosity | Leadership