

Amadeus Kaczmarek

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<https://github.com/amadeusk1>

Computer Science student with hands-on experience building Websites, Android apps and Java-based desktop applications, seeking software or IT internships/Part time.

PROJECTS

PRyx – Android Fitness Tracking App, (Kotlin, Jetpack Compose)

- Designed and developed an Android app to track workouts, bodyweight, and personal records
- Implemented custom UI components, charts, and local data storage
- Focused on clean architecture, modular components, and responsive UI

JavaFX Habit Tracker Application, (Java, JavaFX)

- Built a GUI-based habit tracking system with CSV-based persistence
- Refactored procedural code into an object-oriented architecture
- Implemented hover interactions, dynamic UI updates, and file I/O

Top-Down Shooter Game – “REWIND”, (GameMaker, GML)

- Developed enemy AI state machines (PATROL / ALERT / ATTACK)
- Implemented collision detection, bullet logic, and UI overlays
- Designed and integrated custom pixel-art assets

Obsidian Apparel, E-commerce Website & Hosting

- Link to website: www.obsidianapparel.ca
- Developed and maintained a website for a personal clothing brand
- Managed hosting, domain configuration, and site updates
- Ensured site stability, security, and ongoing maintenance

EXPERIENCE

Web Developer and Admin, John Paul II Polish School

- Volunteered as a web developer and admin
- Ensured website and server security
- Troubleshooted and debugged website for proper functionality

Lifeguard and Instructor, YMCA, 11/2024 - present

- Monitored pool safety and responded to emergencies when needed
- Instructed swimmers of different ages and skill levels

TECHNICAL SKILLS

-**Languages:** Java, Kotlin, Python, C, HTML, CSS, GameMaker, ARM64.

-**Frameworks / Tools:** JavaFX, Jetpack Compose, Git, GitHub, Android Studio, Web builders, Wordpress

-**Concepts:** Object-Oriented Programming, File I/O,, Unit Testing,

CERTIFICATES & AWARDS

-Intermediate first aid + National Lifeguard

EDUCATION

-**University of Calgary:** bachelor of computer science
Relevant Coursework: Data Structures, Software Design, Object-Oriented Programming, Discrete Mathematics

Guest Services, Calgary Stampede, 11/2022 - 06/2023

- Ensured that the Calgary Stampede is a warm and welcoming experience

Cook, Famoso Pizzeria, 04/2024 - 11/2024

- Worked under pressure to deliver a great customer experience

EDUCATION

University of Calgary, Calgary 2024-present

- Bachelor of Computer Science

Bishop O'Byrne High School, Calgary 2021 - 2024

- Graduated Spring 2024 ; Maintained a high average of 89%
- Player of High School Football Team as a Defensive End and Left Tackle