

# Juniel Djossou

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## EDUCATION

**Honours Bachelor of Computer Science**, University of Waterloo 2023-2028

Relevant Coursework: *Designing Functional Programs (Advanced)*, *Algorithms* and *Logic and Computation*

**Diploma of College Studies in Computer Science & Math**, Vanier College 2022-2023

Relevant Coursework: *Intro to Programming* and *Data Structures and object-oriented programming*

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## TECHNICAL SKILLS

**Mobile Development:** Flutter, Firebase, XCode, Android Studio **Game Dev:** Unity

**Programming Technologies:** Java, Dart, C, C++, Swift, Git, GitHub **Languages:** French

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## PROJECTS

**Befriend – Your Social Circle**   | **A social media platform** June 2023 to Now

- Developed a proximity-based social media platform facilitating real-world user interactions through QR code integration.
- Utilized Flutter and Flutter packages for cross-platform development.
- Integrated Firebase backend functionalities, including Cloud Functions, Firestore, Firebase Auth, and Firebase Messaging, to support real-time data synchronization, user authentication, and push notifications.
- Designed an intuitive and user-friendly interface using advanced UI/UX principles.
- Employed state management techniques (Provider) and routing (go\_router) for optimized application architecture and navigation.

**Minecraftia**  | **Custom RPG Statistics Mod for Minecraft** August 2024 to Now

- Introduced stats like Strength, Agility, and Health to Minecraft using Java
- Utilized Minecraft's NBT handling to manage player data and assure data storage
- Developed an intuitive in-game user interface for players to view and manage stats
- Implemented easy configuration through JSON files.

**Nathan's picturesque adventure**  | **Math-related Short Film** May to June 2022

- Directed a 50-minute short film for a math project involving around 90 students.
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## WORK EXPERIENCE

**Chemistry Internship**, McGill University, Montreal June - September 2023

- Conducted research on dissolving waste cotton fabrics in various solvents to recycle them into biodegradable cellulose films.
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## CERTIFICATES AND AWARDS

**Certificate of Recognition in Community Social Involvement**,

*Table de concertation jeunesse Ahuntsic*

June 4, 2021

**4KPi Award for Black and Indigenous Students in Mathematics**,

*University of Waterloo*

2023

**Certificate of Distinction in Canadian Senior Mathematics Contest**,

*University of Waterloo*

2023