

Kevin Bai

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Itch.io](#)

Education

Bachelor of Engineering: Software Engineering Co-Op

2023 - Present

McGill University, Montreal, QC (CGPA: 3.79/4.00)

Relevant Courses: *Algorithms and Data Structures, Intro to C++, Discrete Structures, Linear Algebra*

Skills

Languages/Tools: C#, Java, C++, Lua, Python, C, HTML/CSS, JavaScript, Git

Game Engines: Unity, Unreal Engine, Roblox Studio, Godot

Spoken Languages: English, French, Mandarin

Work Experience

Software Engineer Intern

May 2025 - Aug 2025

VolDEX - Montreal, QC

- Developed clean, scalable gameplay systems and features for one of the largest Roblox games, serving over **2 million daily players**, with a **focus on network performance and user experience**.
- Collaborated in a multidisciplinary team of artists, designers, and engineers, **incorporating regular product feedback** to refine features and ameliorate user experience **across live game updates**.

Software Developer Intern

May 2024 - Dec 2024

Canada Revenue Agency - Ottawa, ON

- Engineered robust scalable financial applications in full-stack using **SpringBoot and PostgreSQL**, **boosting application performance by over 50%**.
- Collaborated in teams using **Git and agile project management with Jira**, designing software for custom financial services and responding to client feedback on complex admin systems

Projects

Pas de Deux: The Chaos Ballet | Unity, C# - [Itch.io](#)

- Developed a **2-player co-op game** using Unity for the 2025 Ubisoft Game Lab Competition with a multidisciplinary team of 8 across a sprint of four months. **Winner of the Jury's Award**.
- Led **UI/UX development and design**, building all menus, HUD, and feedback systems using Unity's UI Framework, as well as miscellaneous **camera control and object systems**.

PokéShin | Unity, C# - [Itch.io](#)

- Developed a visual novel puzzle game, creating all systems from scratch using an MVVM-powered UI Backend system to create scalable and reusable dialogue, and journal/inventory systems.

Swimmingsheep.com | React.js - [Portfolio](#), [Github](#)

- Created an interactive portfolio website using React.js for seamless navigation of projects, deploying all pages onto custom domain using Github Pages

Extracurriculars

VP McGameJam

Nov 2023 - Present

Game Development Student Society of McGill, Montreal, QC

- Head Organizer of McGameJam, Quebec's largest game jam with 400 participants.
- Foster connections with industry representatives and establish sponsorship deals resulting in a **boost to the club budget by 80% (10k)** for annual McGameJam and other club events

Board Member

Oct 2025 - Present

Engineering Undergraduate Society of McGill, Montreal, QC

- Member of McGill's Engineering Undergraduate governing board, advocating for and maintaining accountability in a student society of over 3000 students.