

Kevin Bai

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Education

Bachelor of Engineering: Software Engineering Co-Op

Sep 2023 - Present

McGill University, Montreal, QC (CGPA: 3.92)

Engineering Experience

Student Web Development Intern

May 2024 - Present

Canada Revenue Agency, Ottawa, ON, *Remote*

- Full stack development of custom finance web apps using SpringBoot and PostgreSQL
- Collaborated in teams using Git version control and managed through IceScrum/Jira

Gameplay Programmer

Jan 2025 - May 2025

Ubisoft Game Lab - McGill Team B, Montreal, QC

- Programming using C# and Unity in creation of a full game prototype across ten weeks
- Collaboration with team of eight in Ubisoft's annual university level competition

VP External

Nov 2023 - Present

GameDev McGill, Montreal, QC

- Communication with all external industry representatives for club of 250+ members
- Management of industry sponsorship for annual *McGameJam* and career fair events

Programming and Skills

Languages: C#, Java, Python, C++, C, HTML, CSS, JavaScript, SQL

Frameworks/Libraries: Unity, SpringBoot, NodeJS, React, Maven

Dev Tools/Environments: Git, Jira, IceScrum, Visual Studio, Eclipse, JetBrains

Technical Tools: Figma, Notion, Microsoft Excel

Spoken Languages: English (Native), French, Mandarin (Professional Proficiency)

Projects:

- McGill Physics Hackathon 2023 *A Special Kind of Farming*, 3rd Place Prize | JavaScript
 - Developed educational game about special relativity using Javascript
- McGill CodeJam 2024 *proDUCKtive* | C#, Unity
 - Programmed a background desktop companion for productivity and well-being
- Portfolio Website: <https://swimmingsheep.com> | React, Vite, Node.js
 - Created portfolio/profile website using React and custom web server hosting

Extracurricular and Other Experiences

VP Events

Oct 2024 - Present

Design Collective McGill, Montreal QC

- Manage, organize and advertise events in graphic and UI/UX design in a team of three
- Planning regular workshops/talks related to passions and tools in graphic design

Wading Pool Supervisor

Jun 2021 - Aug 2023

Seasonal Recreation Ottawa, Ottawa, ON, On-Site

- Lead a team of four in the management of pool facilities and operation across three summers
- Regularly communicated with patrons to answer questions and maintain safety