

Rei Kong

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EDUCATION

McGill University

Aug. 2022 – May 2026

Bachelor of Arts in Computer Science & Sociology, Minor in Cognitive Science

Montreal, QC

- **Relevant Coursework:** Logic & Computational Theory; Software Design; Object-Oriented Programming; Algorithms & Data Structures; Principles of Web Development; Database Systems
- **Activities & Societies:** Hack4Impact (Executive Director, Software Developer); CodeJam Hackathon Committee (Design Lead); Computer Science Peer Tutor; McGill Design Consultancy (VP Finance, Web Developer)

EXPERIENCE

Executive Director and Software Developer

Sept. 2022 – Present

Hack4Impact McGill

Montreal, QC

- **Spearhead** a team of **50+** members developing software solutions for socially responsible groups, such as Greenpeace, and **oversaw 10+** consultations with non-profit organizations
- Developed UI and backend features for a donations tracker web application using **React.js**, **TypeScript**, and **Express.js**
- **Lead** content creation on social media platforms, growing impressions by **478%**, followers by **86%**, and membership applications by **75%** within three months

Research Intern

Oct. 2024 – Present

McGill University

Montreal, QC

- Conduct Human-Computer Interaction research focused on reducing bias in AI resume screening tools

Software Developer Intern

Oct. 2023 – Oct. 2024

Business-Software.com

Chicago, IL (Remote)

- Created a **JavaScript**-based Chrome extension, increasing filled-in forms by **100%**
- Leveraged **Chrome Extension APIs** to automate repetitive tasks, reducing time to input form data by **80%**
- Implemented caching feature with **Express.js** and **Node.js** to auto-fill forms with previous data, avoiding manual error inputs
- Revamped unit tests using **JUnit**, achieving over **80%** code coverage

Software Developer Intern

May. 2023 – Aug. 2024

Cellterix

Montreal, QC

- Developed a frontend using **React.js**, iteratively adding new components and pages
- Implemented a **REST API** using **Node.js** and **Express.js** to handle form submissions and store submissions in a **MongoDB** database, enabling users to submit inquiries directly through the website

PROJECTS

OpenCourse | [GitHub](#)

- **Collaboratively** developed a scalable web application notifying students when spots open in their desired classes via SMS, using **React.js**, **TypeScript**, **Go**, **PostgreSQL**, **MongoDB**, **Docker**, **Twilio**, and **Microsoft Azure**

ClassWise | McHacks 2023

- **Collaboratively** created a web application for streamlined course research with user authentication using **React.js**, **TypeScript**, **Django**, **PostgreSQL**, and **Figma**

Gendered Language in RateMyProfessor.com Reviews

- Developed a backend to parse data, analyze word frequencies, and display distributions using **Java**

EXTRACURRICULAR ACTIVITIES

Design Lead

Jan. 2023 – Present

CodeJam Hackathon Committee

Montreal, QC

- **Achieved a 100%** increase in applicants for CodeJam, resulting in **350+** participants and **800+** applicants by **managing** content creation
- **Lead 2** teams in collaborative development of a hacker dashboard, streamlining participants' experience
- Secured **\$22,000+** in sponsorship money and **8** sponsors, including 1Password and Morgan Stanley, by **spearheading** the development of a sponsorship package, building relationships with potential sponsors

TECHNICAL SKILLS

Programming Languages: Python, Java, TypeScript/JavaScript, C, Bash

Technologies: React.js, Next.js, Node.js, JUnit, Git, HTML/CSS, Stata, Adobe Creative Cloud, Figma