

# Lucas Kim

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## EDUCATION

### University of Waterloo

*BSE, Software Engineering*

Waterloo, ON

*Sept. 2024 – Present*

## EXPERIENCE

### Innovation Developer

*Royal Bank of Canada*

July 2024 – Aug. 2024

*Toronto, ON*

- Collaborated with an Agile team of 4 high school students to build and deploy a mortgage calculator using Angular, Spring Boot, Jenkins, and OpenShift 4, benefiting over 180,000 clients.
- Presented the project to 100+ stakeholders, receiving acclaim for technical proficiency and presentation skills.

### Tutor Website Manager

*NewArts Toronto*

Mar. 2023 – Sept. 2023

*Remote*

- Managed an online tutoring platform with 60+ tutors and 500+ monthly sessions.
- Integrated GPT-3.5 AI tutor with output streaming, voice control, interactive activities, and function calling.
- Ensured website compliance with Web Content Accessibility Guidelines (WCAG) by adjusting color contrast and metadata.
- Led weekly meetings with a 20+ volunteer team to discuss improvements and new features.

### Quality Assurance Analyst

*GoalLine Solutions*

June 2023 – Aug. 2023

*Burlington, ON*

- Conducted manual testing of functionality, user interface, and calculations for adherence to client specifications.
- Created and managed over 200 detailed bug tickets on Azure DevOps, including screenshots and reproduction steps.

### Software Engineer Intern

*North P&D*

Feb. 2023 – June 2023

*Toronto, ON*

- Submitted 10+ pull requests for the company website, including French translation using react-i18next.
- Designed UI components for a client's website frontend using Webflow.

## PROJECTS

### ShadeFindr |

Sept. 2024

- Developed a navigation website to maximize shade for UV-sensitive individuals.
- Won 1st place at CTRL+HACK+DEL, York University's inaugural hackathon.

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, TypeScript, JavaScript, C

**Frameworks:** React, Next.js, Angular, Spring

**Developer Tools:** Git, Docker, Jenkins, Figma

**Other:** HTML, CSS, React Native, Tailwind CSS, Astro, AWS, Vercel, Azure DevOps, OpenShift 4, Supabase, OpenAI API, Agile, PostgreSQL, Node.js