

Lucas Kim

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EDUCATION

University of Waterloo

BSE, Software Engineering

Toronto, 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 recognition for technical proficiency and presentation skills

Tutor Website Manager

NewArts Toronto

May 2023 - Sept. 2023

Remote

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

Quality Assurance Analyst

GoalLine Solutions

June 2023 - Aug. 2023

Burlington, ON

- Conducted manual testing of functionality, UI, and calculations for client-specific requirements
- Managed 200+ bug tickets on Azure DevOps, providing detailed reports with screenshots and reproduction steps

Software Engineer Intern

North P&D

Feb. 2023 - June 2023

Toronto, ON

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

PROJECTS

ShadeFindr |

2024

- Developed a navigation website that maximizes shade for UV-sensitive individuals
- Won 1st place at CTRL+HACK+DEL, York University's first hackathon

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, 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 Development, Web Accessibility (WCAG), Bug Tracking, French Translation, Webflow