Lucas Kim

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EDUCATION

University of Waterloo — Waterloo, ON
BSE, Software Engineering — *September 2024 – Present*

EXPERIENCE

Innovation Developer — July 2024 – August 2024
Royal Bank of Canada — *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 more than 100 stakeholders, receiving recognition for technical excellence and presentation skills.

Tootor Website Manager — May 2023 – September 2023
NewArts Toronto — *Remote*

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

Quality Assurance Analyst — June 2023 – August 2023
GoalLine Solutions — *Burlington, ON*

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

Software Engineer Intern — February 2023 – June 2023
North P&D — *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 | — 2024

- Developed a navigation website in a team of 4 to maximize shade for UV-sensitive individuals.
- Won 1st place out of 62 submissions 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 Methodology, Web Content Accessibility Guidelines (WCAG), Bug Tracking, Client Communication, Team Leadership