# Kyle Chin

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## Profile

I am seeking a position to gain meaningful experience and to further improve my technical and soft skills. As a student, I am pursuing my Bachelor of Computer Science at Carleton University. Through this, I am currently learning how to write efficient code and broaden my knowledge in a variety of programming languages. Being an active individual who frequently plays sports, I consistently maintain a balanced schedule and build my teamwork, leadership, and communication skills.

## Professional Experience

**Software Developer,** *Ross Video Ltd.*
01/2024
Ottawa, Canada
• Working on a new UI with a React frontend and a C++ backend
• Utilizing protobuf to transmit data from the backend to the frontend

**Test Automation Developer,** *Ross Video Ltd.*
05/2023 – 08/2023
Ottawa, Canada
• Developed and maintained REST API and UI test cases to improve the Jenkins pipeline
• Helped create a new framework for test cases that highlights OOP Principles
• Created manual test scenarios and carried out validation across a range of devices to ensure consistency

**Front-End Web Developer,** *QuadC* ⬏
09/2022 – 12/2022
Ottawa, Canada
• Developed and fixed small front-end services for the QuadC Website
• Upgraded old web pages using Next.js to statically generate dynamic website pages to improve SEO results and overall performance
• Page results returned: 100 rating for performance, 84 rating for accessibility, 92 rating for best practice, and 91 rating for SEO
• Constructed REST-API functions to gather the correct data from the MongoDB database based on the given URL paths to pre-render

**Test Automation Developer,** *TutorOcean*
05/2022 – 12/2022
• Created and maintained automated regression tests for all TutorOcean platforms (mobile, REST API, and web)

**Mobile App Developer,** *TutorOcean*
05/2022 – 08/2022
• Developed small front-end services for the Android and iOS TutorOcean mobile application to enhance UI quality
• Resolved minor bugs and issues on the iOS applications with SwiftUI to improve the overall user experience for customers

## Projects

**Home Inspection Booking Website,** *Krew Home Inspectors* ⬏
• Designed and developed the front-end aspect of the website
• Used Github and Jira to work efficiently in a team
• Optimized SEO ratings to increase site traffic

## Education

**Bachelor of Computer Science, Software Engineering Stream,** *Carleton University*
09/2020 – present
Ottawa, Canada
• Currently in 4th year standing in undergrad of computer science
• Grade: CGPA 10.60/12

## Technical Skills

**Web Frameworks**
React.js, Next.js, Redux.js, TypeScript, TailwindCSS, Protobuf

**Technical Tools**
GitHub, GitLab, Asana, MongoDB, Jira, Zephyr, SEO

**Programming Languages**
Java, SwiftUI, C++, Cucumber, Selenium, Appium, Python