

# ANTHONY LIM

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## SUMMARY OF SKILLS AND QUALIFICATIONS

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**Operating Systems** | • Windows • Ubuntu Linux**Applications & Tools** | • Microsoft Azure • GitHub • Git • GitLab • Docker • Jira • Confluence**Programming** | • Java • JavaScript • TypeScript • Python • React • Node.js • HTML • CSS • Kotlin • C#

• MySQL • MongoDB • Spring Boot

**Methodologies** | • Agile and Scrum • CI/CD**Languages** | • French • English • Spanish • Chinese Teochew

## WORK EXPERIENCE

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**Software Developer Intern** | Kotlin, C#, JUnit 5, Mockito, Agile, Azure**May 2025–Dec 2025**

Intelcom | Dragonfly, Montreal, Quebec

- Developed and deployed 2 Android applications in Kotlin deployed across 20+ sorting stations for real-time package scanning and tracking, leading to a **98%** improvement in sorting station workflow visibility and delivery throughput.
- Designed and implemented an identification system using Azure Function to track permanent and temporary workers.
- Delivered 10+ features and completed 40+ Jira stories and tasks in Agile sprints.

**Software Developer Intern** | React, TypeScript, JavaScript, Playwright, React Native, Agile**Sept 2024–Dec 2024**

X20 Media, Montreal, Quebec

- Achieved an **80%-time reduction** in the quality assurance process duration by developing end-to-end (E2E) tests using Playwright and **TypeScript** for the CI/CD pipeline.
- Developed a Slack bot to automate the retrieval and sharing of release notes from Jira and GitLab, reducing **manual effort by 90%** with Slack slash commands.
- Converted an existing React web application to a React Native mobile application, enabling cross-platform compatibility.

**Teacher Assistant** | Discrete Math, LaTeX, Relational Databases**Sept 2025–Present**

Concordia University, Montreal, Quebec

- Graded assignments, quizzes, and exams, providing detailed feedback to students.
- Assisted in teaching concepts of software formal methods, including specification, verification, and correctness of programs.

## EDUCATION

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**Bachelor of Engineering – Software Engineering Co-op****2023-2027**

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- 3.64 GPA
- Relevant Courses: Data Structure and Algorithms, Oriented Object Programming Java I & II, Web Development, Principle of Programming Languages, Operating Systems, Software Process in Agile

## PROJECTS

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### **Stock Market Trading Simulator** | *React, JavaScript, MongoDB, Express, Node.js, HTML, CSS*

- **Developed** a full-stack paper trading web application, simulating equity trading with real-time data and supporting personalized account management.
- **Collaborated** with a team of 3 developers to integrate frontend and backend components, ensuring seamless functionality and adherence to project specifications.
- Engineered a secure **2FA** authentication system in **Node.js**, allowing users to create accounts, log in and manage virtual portfolio.

### **Real Estate Management Application** | *Java, Spring Boot, React, Docker, PostgreSQL, Pulsar*

- Developed a full-stack property management platform to handle properties, tenants, and lease agreements with a dynamic data dashboard using React and Spring Boot.
- Integrated Apache Pulsar for asynchronous event-driven communication, enabling decoupled processing of tenant registration and lease updates.

### **LinkUp: A Live Messaging Application** | *React, JavaScript, NodeJS, Agile*

- Implemented real-time messaging using **WebSockets**, private messaging, and cross-platform support for an enhanced user experience.
- Trained a **BERT** model for an AI-powered toxicity monitoring to ensure a safe and positive user experience on the LinkUp platform.
- Developed and implemented unit and integration tests for the **CI/CD** pipeline using **Jest**.

## EXTRA-CURRICULAR ACTIVITIES

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### **AquaScan: AI-Powered Fishing Assistant** | **PolyHacks 2025 Winner** | *React Native, Python, Selenium, TypeScript*

- Developed a mobile app using React Native and TypeScript to promote sustainable fishing practices by identifying fish species and verifying local fishing regulations in real-time.
- Integrated an AI-powered image recognition model to analyze user-uploaded photos of fish, achieving high accuracy in species identification.
- Web scraped official government websites to collect fishing regulations, ensuring compliance with local laws with a zone mapping.

### **JACHacks (2024) Winner for Best AI Project for Education** | *TensorFlow, Pandas, Python*

- Leveraged Google Media Pipe hand recognition and TensorFlow AI model to build a variety of tools such as a PowerPoint control using hand commands, a secure Captcha using hand pattern recognition and a drawing tool.
- Implemented an AI model for real life use cases for cybersecurity purposes and educational purposes.
- Trained the AI model to recognize specific hand gestures with Pandas python.

## CERTIFICATIONS

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### **Docker for the Absolute Beginner - Hands On – DevOps**

2024

Udemy - <https://www.udemy.com/certificate/UC-839af642-4c06-437b-8b1b-535278dc20dd/>