

ANTHONY LIM

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SUMMARY OF SKILLS AND QUALIFICATIONS

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 Teo Chew

WORK EXPERIENCE

Software Developer Intern | *Kotlin, C#, JUnit 5, Mockito, Agile, Azure*

May 2025–Aug 2025

Intelcom | Dragonfly, Montreal, Quebec

- Developed and deployed 2 Android applications in Kotlin 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.
- **Wrote 100+ unit and integration tests** using **JUnit 5** and **Mockito**, ensuring **90%+ code coverage** and reducing production bugs.

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.

EDUCATION

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

DEC in Computer science and mathematics

2021-2023

Collège Bois-de-Boulogne, Montréal, QC

PROJECTS

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

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

- 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 with the index finger point history on Tkinter python.
- 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.

CasperAI: AI-Powered Practice Tool | **McHacks 2025** | OpenAi, Restful API, Node.js, Express, React

- Leveraged OpenAI's natural language processing (NLP) to analyze and evaluate user responses to Casper exam.

Tech Nation CTF Cybersecurity Hackathon (2024) | Kali Linux

- Gained hands-on experience with Kali Linux VMs, learning to navigate and utilize its suite of cybersecurity tools
- Developed skills in reverse engineering applications to identify vulnerabilities.

CERTIFICATIONS

Docker for the Absolute Beginner - Hands On – DevOpsUdemy - <https://www.udemy.com/certificate/UC-839af642-4c06-437b-8b1b-535278dc20dd/>**2024**