

Austin Luk

aluk06@mylangara.ca | (778) 680 2954 | github: <https://github.com/austineluk> | Vancouver, BC

Technical Skills

- Proficient in Java, JavaScript, HTML, C++, Python, and CSS with hands-on experience in developing and deploying software solutions using these technologies.
- Developed and maintained 100+ automated tests to ensure the quality and functionality of software applications.
- Installed and configured software environments for web applications, utilizing Java, JavaScript, and C++ following best practices.
- Proficient with Microsoft Office, PowerPoint, Excel and Photoshop

Software

Languages: Java, JavaScript, HTML, C++, Python, CSS

Technologies: React, Git, Node.js, AWS (Lambda, API)

Education

Langara College

Vancouver, BC | Sep 2023 – Present

Associate of Science Computer Science

Expected Graduation Date: Sep 2027

Honours: Dean’s list (Dec 2023)

Selected Coursework: Program design, Object-Oriented design, Web development

Activities: Langara Computer Science Club

Project Experience

To-Do List

May 2024 – June 2024

Web Development

- Collaborated with a classmate designing and developing a responsive web-based To-Do List application using JavaScript, HTML, and CSS
- Focused on user experiences (UX) by implementing a clean intuitive interface and ensuring cross-browser compatibility.
- Organized meeting with class member to go over design and the development of project, spending 4 hours a week.
- Applied agile methodologies to improve the application’s design and functionality.

Group Chat Room

Feb 2024 – March 2024

Object-Oriented Computing

- Implemented multithreading techniques to manage concurrent tasks, such as message broadcasting and connection handling.
- Implemented a TCP/IP based networking framework to facilitate real-time communication between multiple clients in a chat room.
- Designed and developed unit test cases to ensure the reliability of object-oriented code.
- Created detailed UML diagrams to visualize and document software architecture and design. Used extensively in the early SDLC stages for clarity and alignment.

Phone Number Transcribe

Sep 2023 – Dec 2023

Program Design

- Designed and implemented a Java application to convert ten-digit telephone number into possible word representation based on standard telephone keyboard mapping

Austin Luk

aluk06@mylangara.ca | github: <https://github.com/austinluk> | (778) 680 2954

- Debugged and resolved issues related to string manipulation, file reading, and user input.
- Optimized the combination generation and word mapping process to handle the large number of potential combinations efficiently.
Developed algorithms to generate all possible letter combinations from given phone number
- Tested the program with various phone numbers to ensure it correctly identifies valid word representations.

Personal Project

Weather App

JavaScript + HTML/CSS

Developed and deployed a weather application using React and JavaScript, integrating a weather API to provide real-time updates. I designed a user-friendly interface that enables users to easily input city names and retrieve precise weather data.

Work Experiences

TFC Volleyball Club

Vancouver, Canada | May 2023 – Present

Coordinator

- Supervised and organized a youth volleyball tournament, coordinating teams of 6 to manage 16 competing teams. Effectively navigating challenges such as last-minute changes and scheduling conflicts.
- Multitasked between drafting teams for future tournaments and overseeing league operations. Balancing competing priorities to meet deadlines and goals.
- Utilized organizational skills to maintain accurate records of team rosters, schedules, and player availability.

Aritzia

Vancouver, Canada | Aug 2023 – Sep 2023

Team Lead

- Supervised and led a team of 10-20 crew members at the Aritzia Warehouse sale, effectively using strong communication and team leadership skills to coordinate tasks and ensure smooth operations.
- Professionally served 1000+ customers daily with efficient and friendly customer service.
- Collaborated with warehouse team members to receive and unload shipments, inspecting merchandise for quality.

Elections

Vancouver, Canada | Aug 2021 – Sep 2021

Office Worker / Clerk

- Utilized Microsoft Office and Excel to manage and organize election data, ensuring the accurate and efficient processing of voter information and results.
- Efficiently typed and formatted various documents, including letters, lists memoranda, and emails, ensuring high standards of accuracy and professionalism
- Drafted professional business memos and emails in Office Word for employees related to work procedures, project updates, and company announcements. Ensuring clear and effective communication.

Volunteer Experience

Thunderbird Community Centre

Vancouver, Canada | May 2018 – Aug 2023

Volunteer

- Collaborated with the youth committee to organize and coordinate numerous festivals and events. Providing valuable assistance.
- Communicated with other youth members to plan, develop, and implement diverse resident lifestyle programs.