

# Mason Liao

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9029895515 | alienml@yahoo.com | Halifax, NS

## Technical Skills

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Programming: Java, Python, C, HTML, CSS, JavaScript

Analytics: SQL, MySQL, PostgreSQL

Microsoft Office Apps: Word, PowerPoint, Excel, Outlook, Clipchamp, Visio

OS: Windows, macOS, Linux

## Professional Summary

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Enthusiastic and skilled IT programmer, dedicated to building a solid foundation in programming as a stepping stone to delve deeply into the field of artificial intelligence, which I firmly believe is a transformative trend of the future.

## Professional Skills

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Technical Troubleshooting, Problem Solving, Documentation, Work to understand the product from customer's side, Teamwork, Time Efficiency, Conflict Management, User interface Design, Work under high pressure, Detail-Oriented

## Projects

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1. Personal Website: Designed and developed a personal website from scratch, garnering praise for its user-friendly and **responsive** design. Optimized for multiple devices, it showcases my web development skills and creativity. Explore the site at <https://masonliao319.github.io/myweb/> for a demonstration of my work.
2. Small Airline Simulator: Developed a **Java**-based Seat Chosen Application for a small airline and I converted it into an executable .exe file. For more details, visit my site showcasing this project.
3. Countdown Timer: Created an **interactive** webpage that functions as a birthday countdown, calculating the days remaining until the user's next birthday from the current date. This engaging tool adds a fun element to anticipation. For a closer look at this project, please visit my website.
4. SYN flood Attack Simulation: Led a team project to develop a SYN flood Attack simulation using **Python**, crafting a script that initiates continuous connections to a specific IP address. This project demonstrates our collective expertise in **network security** concepts. To explore more about our work, visit my website for details.

## Education

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Nova Scotia Community College | Halifax, Nova Scotia  
IT Programming | 04/2025

Wuhan University | Wuhan, Hubei  
Social Science

Awarded multiple scholarships for academic and leadership excellence; also led a Campus Student Union Group

## Experience

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The Dahlia By Jukai | Halifax, NS  
Sous Chef | 11/2020 - 04/2023  
Supervise and train Kitchen Staff./Make the menu/Customer services

Shenzhen Guangtai Architectural Design | Wuhan, Hubei  
Marketing Specialist | 10/2016 - 09/2017  
Team Management/Customer service/Documentation/Project execution/Market exploration/Customer services

## Personal Website

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<https://masonliao319.github.io/myweb/>