

DUC MANH VAN

EDUCATION

Algonquin College, 1385 Woodroffe Avenue Ottawa

ONTARIO COLLEGE ADVANCED DIPLOMA IN COMPUTER ENGINEERING TECHNOLOGY - COMPUTING SCIENCE, 12/2026

- Term Dean's List, [Semester 1, 2024]
- Term Dean's List, [Semester 2, 2024]
- [3.93] GPA in the first semester
- [3.88] GPA in the second
- Graduated high school with the highest score 26.8/30

SKILLS

- Programming Languages and skills: Java (Advanced Level), Python (Advanced Level), JavaScript, TypeScript (Advanced Level), and C (Intermediate Level)
- Web Technologies: HTML, CSS, JavaScript, TypeScript, Tailwind, Sass, Reacts
- Database Management Systems: MySQL, PostgreSQL, Spring JPA
- Frameworks: Spring, Spring Boot
- Testing: Junit
- IDEs Tools: VSCode, IntelliJ, Eclipse.
- Data structure and Algorithms: I have knowledge about various data-structures, and I also updated all my algorithms on GitHub
- Operating Systems: Window, Linux (Ubuntu), Bash and bash scripting
- Tool and IDE: Git and GitHub
- Network Management and Tools: Wireshark, Cisco Packet Tracer
- Network Fundamentals: IP, TCP/IP, DNS, ...
- Exceptional problem-solving skills
- Virtual Environment: VMWare Workstation
- Excellent communication skills through server role at Korean House Restaurant and class presentation
- I am passionate about testing and automation and prefer using frameworks that support configuration, allowing me to focus more on writing logical code
- Have the ability to handle multiple competing priorities in a driven environment through working at a busy restaurant in China town, serving 100-200 guests within 3 hours during peak hours
- Language: English, Vietnamese

PERSONAL PROJECTS

- **Bank Application** 04/26/2024
 - The potential project that I want to use for my second-year project assignment
 - Using Java, JavaFX, Scene Builder, Spring, Spring Boot JPA, MySQL, CSS, Git, GitHub, and IntelliJ IDE

- When approaching JavaFX, it seemed easier for me because it is simple to set the correct positions for objects. Furthermore, I don't have to code a lot for the layout, allowing me to focus more on logical organization and making the code more readable and maintainable. Using a database with Spring JPA also makes everything easier compared to the old method (JDBC), which required many lines of code to set up. I expect to complete this project in 3 weeks.

- **E-Commercial Project (Sneaker):** 30/10/2024

- Using HTML, CSS, Reacts, JavaScript, Git, GitHub, and VSCode IDE
- It was one of the first projects that I have been working on with Reacts, so I have had a good time with it. I realized that Reacts is super powerful when working with components and I can easily reusable my code in a flexible way

- **Clothing Landing Page Project:** 22/10/2024

- Using HTML, Tailwind, Git, GitHub, and VSCode IDE
- This was my first time working with the Tailwind CSS framework, and I had a fantastic experience building a clothing landing page! Tailwind's utility-first approach made it easy to create clean, responsive designs quickly. I'm so excited to build more projects with Tailwind in the future

- **Photography Landing Page Project:** 18/10/2024

- Using HTML, SCSS, Git, GitHub, and VSCode IDE
- This is one of my first projects using SCSS. It was a lot of fun to work with, as it brought a programming-like approach to CSS, similar to other OOP languages like Java and JavaScript. SCSS allowed me to write cleaner, more maintainable styles with reusable components and variables, enhancing the overall development experience

Snack Game 02/07/2024 to 02/10/2024

- One of my choices for second year project finished in the first year
- Using Java language, GUI Swing, Git, GitHub, and IntelliJ IDE
- Gained experience dealing with the 'Key Controller' and drawing components in the JFrame, including redrawing all components when the objects moved

- **Ping Pong Game** 02/20/2024 to 02/25/2024

- Using Java language, GUI Swing, Git, GitHub, and IntelliJ IDE
- Excellent attention to details and high level of accuracy in setting up objects in the correct positions because all objects need to have their proper X and Y coordinates set within the JFrame

- I also have several projects working with HTML, CSS, JavaScript, React, Tailwind, Sass that you can check out on my GitHub (the link below)

WORK EXPERIENCE

RECEPTIONIST 12/2023 to Current

Lavender Nails Spa, 1950 Montreal Road Unit B, Ottawa, ON

- Time management: A scheduled worktable ensures that customers can receive the services they want without having to wait for a nail technician.
- Provided clerical support to company employees by copying, faxing, and filing documents.
- Corresponded with clients through website and telephone.
- Verbal Communication: Responded to inquiries from callers seeking information.

SERVER 02/2023 to 10/2023

Korean House Restaurant, Ottawa, ON

- Handled cash and credit card payments with accuracy
- Demonstrate great organizational skills from assisting with administrative tasks such as filing documents and copying materials
- Provided superior customer service by responding to inquiries in an efficient and friendly manner, resulting in several 5-star reviews from customers
- Delivered accurate phone messages to personnel with legibly written call-back numbers and names

CERTIFICATIONS

- IELTS Certification (6.5 overall)
- Complete Python Mastery by Coding with Mosh
- Introduction to Packet Tracer
- Getting Started with Cisco Packet Tracer
- Exploring IoT with Cisco Tracer Packet
- Exploring Networking with Cisco Packet Tracer