

# Jay Lee

Portfolio: <http://jayleeportfolio.netlify.app/>

✉ [lee00460@algonquinlive.com](mailto:lee00460@algonquinlive.com) | [in](#) LinkedIn | [GitHub](#) | ☎ (613) 875-6456

2201 Riverside Drive, Ottawa, ON

## Profile Summary

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Self-motivated Web Development student eager to apply extensive programming skills and database management skills including JavaScript, Python, C#, MariaDB, and MySQL. In possession of excellent problem-solving, debugging, and interpersonal skills to work efficiently and accurately in both independent and teamwork environments.

## Education

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### Web Development and Internet Application

September 2022 - Present

Algonquin College

Dean's honors list; GPA 4.0 / 4.0 Fall Semester 2022

### Bachelor of Commerce – Accounting

September 2013 - April 2016

University of Ottawa

## Program-Related Skills

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### Programming Languages

- Demonstrated expertise in utilizing HTML, CSS, JavaScript, Python, C#, and ASP.net.
- Capable of designing, developing, and maintaining fully functional websites using a combination of client-side and server-side scripting.
- Acquired extensive knowledge in object-oriented programming and proficiency in debugging programming scripts.

### Database Management Systems

- Adept in database management using MariaDB, MySQL.
- Proficient in developing database design and performing database administrative tasks.

### Networking Programming

- Skilled in troubleshooting network connectivity through TCP/IP protocol.
- Experienced in implementing various network security including user access login and security devices such as firewalls.

### Software Tools

- Visual Studio Code, Visual Studio 2022, Git, Pycharm, DataGrip, MySQL Workbench, Photoshop, Adobe Illustrator, Adobe XD, Figma, Windows, Linux.

## Additional Skills

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### Soft Skills

- Developed exceptional interpersonal, teamwork skills and professional communication skills throughout my academic career and over two years of working in the service industry.
- Demonstrated strong problem-solving skills by independently implementing effective solutions to various programming challenges throughout my academic career.

### Language Skills

- Bilingual in English and Korean.

## Academic Projects

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### Bank Application

April 2023

- Developed a Bank Application in C# with features such as deposit and withdrawal for accounts such as checking and savings, transfer between accounts, and the ability to view account balance and account transactions.
- Demonstrated a strong understanding of object-oriented programming concepts by implementing encapsulation, utilizing inheritance to create a hierarchy of account classes, and applying polymorphism to enable flexibility in the handling of different types of accounts and transactions.

### Weather Application

March 2023

- Developed a responsive web weather application displaying current weather for searched locations utilizing HTML, CSS, JavaScript, and weather API.

### Explore Ontario Website (Group)

December 2022

- Conducted full life-cycle responsive website development utilizing HTML, CSS, and JavaScript.
- Led a team of four as the team leader, ensuring effective communication and collaboration to successfully complete the project within designated timeframes.

### Simple Calculator

November 2022

- Developed a fully functional calculator with basic functionality using HTML, CSS, and JavaScript.
- Demonstrated problem-solving skills by understanding and developing fundamental functions for the calculator without using eval() function.

## Other Work Experience

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### Administrative Assistant

May 2017 - August 2017

*SUSHIBOX RTG Food Service Group, Ottawa, Canada*

- Implemented innovative promotions to drive store revenue.
- Prepared monthly sales reports and organized purchase invoices.
- Maintained inventory levels and monitored merchandise for the retail store.

### Restaurant Server

July 2015 - April 2017

*Mu Goong Hwa Garden, Ottawa, Canada*

- Provided exceptional guest service in a fast-paced environment while effectively managing time to deliver optimal guest experience.
- Maintained orders efficiently by accurately communicating customers' requests with kitchen staff.
- Assisted coworkers in peak-hour periods by taking extra customer orders.
- Completed side work such as refilling condiments, cleaning tables, and serving equipment to reduce idle time.

## Volunteer Work

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### Language Interpreter (Telework)

March 2017 – December 2019

*Seshin Appliances co., LTD, Seongnam City, South Korea*

- Performed Interpretation, translation, and market research services.

### OKTA Next Generation Global Start-up & Trade School (Mentee)

August 2017 – August 2017

- Collaborated with a team to develop a comprehensive business plan for a start-up company and delivered a persuasive business presentation to mentees and senior business mentors.