

# Alexander Muns

ON, Canada

[www.linkedin.com/in/alexander-muns](https://www.linkedin.com/in/alexander-muns) | [github.com/a-muns](https://github.com/a-muns)

**Junior Software Developer | Junior Full-Stack Developer | Junior Software Engineer**

**Job Objective:** To provide an interpersonal software development skillset to an organization as a full-time employee.

## **Highlights of Qualifications**

- **Computer Programming Graduate:** Graduated from Algonquin College Computer Programming. Achieved a 4.0 GPA over three consecutive semesters.
- **Full Stack Experience:** Worked with a variety of languages for frontend and backend services.
- **Technical Expertise:** Saved organizations hundreds of dollars in labour costs by implementing tech-based solutions.
- **Efficiency-Oriented Programmer:** Implemented streamlined data structures and algorithms, decreasing program time and space costs.
- **Skilled Trainer:** Onboarded and managed dozens of new hires.
- **Strong Interpersonal Skills:** Communicated and empathized effectively with others in written and verbal formats.
- **Demonstrated Team Player:** Mediated conflicts and encouraged operational success from within multiple teams.

## **Technical Skills**

<b>Web Technologies</b>	HTML, HTML5, CSS, CSS3, JavaScript, JSON, PHP, REST, XML
<b>Backend Technologies</b>	Bash, Java, Kotlin, Python, SQL
<b>Operating Systems</b>	Linux, Windows
<b>Databases</b>	Neo4j, MariaDB, MySQL, MongoDB, Oracle (19c), SQLite
<b>Design and IDE Tools</b>	Android Studio, Design Patterns, Eclipse, Eclipse JEE, IntelliJ IDEA, Object Oriented Programming, Repl.it, Vim, Visual Studio
<b>Version Control and Others</b>	Agile, Git, GitHub, Jira, OAuth2, XAMPP

## **Algonquin College Work-Related Assignments**

- ✧ **Fruit Growth for Android OS App:** Ported functionalities of an iOS application into an Android application in Kotlin. Saves fruit measurements taken by farmers to their device's local storage as an SQLite database.
- ✧ **Twitter-like API:** Crafted two microservices with their own databases for user management and messaging. Both services communicate with each other over RESTful APIs and are secured with OAuth2 through GitHub.
- ✧ **Solitaire for Browser and Desktop:** Led a group of four in designing and deploying Solitaire in HTML, CSS, and JavaScript. Tracked Agile sprint tasks with Jira and hosted weekly standups.
- ✧ **NASA Image of the Day Android App:** Constructed a multi-activity application in Android Studio using Java and XML. The app queries NASA's Image of the Day API to allow the user to search, save, and remove their favourite images from a local SQLite database. Available in English and Spanish.
- ✧ **Java Servlet Bookstore:** Coordinated a team of three to create a dynamic database-connected website powered by servlets and JSP in Eclipse JEE. Utilized design patterns (Builder and MVC) in its creation.
- ✧ **Personal Website:** Created a multi-purpose website with HTML, CSS, JavaScript, PHP, and MariaDB. Features include a custom greeting page, product search, and currency converter.
- ✧ **Database Design:** Architected multiple database designs in Oracle and MySQL using SQL, and followed design principles of normalization, optimization, and administration.

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## **Professional Experience**

### **Front Desk**

Craigleith Ski Club | Craigleith, ON

Present (Seasonal)

- Solved a variety of technical support issues, saving the club hundreds of dollars from outsourcing.

### **Orchard Assistant**

T&K Ferri Orchards | Clarksburg, ON

Present (Seasonal)

- Assisted with the implementation of a crop growth data model inspired by Cornell University's Department of Agriculture and Life Sciences.

### **Designated Skills Trainer**

Blue Mountain Resort | The Blue Mountains, ON

2019 – 2020 (Full-Time)

- Coached hotel policies and complex hospitality software to groups of six new staff in two-week sessions.
- Responsible for interim management duties.

## **Education**

### **Diploma in Computer Programming**

Algonquin College | Online / Ottawa, ON

Graduated in April 2023

- Averaged a 4.0 GPA throughout the program's first 3 terms.
- First-round graduate of the Student Leadership Program.

### **Advanced Diploma in Music Performance**

Cambrian College | Sudbury, ON (2014 – 2017)

Graduated in 2017

- Highlighted on the Dean's and President's lists for academic achievement.
- Recommended by professors as a tutor for other students.

## **Certifications / Professional Training**

Responsive Web Design | freeCodeCamp (2021)

Python Crash Course (with Honours) | Colby Pryor, CPO (2022)

Graduate - Student Leadership Program | Algonquin College (2022)

## **Volunteer Experience**

**Moderator** | Algonquin Computer Programming Discord Server (May 2022 – Present)

**Operations Assistant** | 5<sup>th</sup> Street Creative Initiatives (2022)

**Design Consultant** | Collingwood Climate Action Team (2022)