**Alexander Muns**

*Software Developer*

**Technical Skills**

**Front End:** *CSS, HTML, JavaScript, JSON, PHP, React, REST, XML*

**Back End:** *Bash, Gradle, Java, Kotlin, Maven, Python, SQL*

**Database:** *Neo4j, MariaDB, MySQL, MongoDB, Oracle, SQLite*

**Operating Systems:** *Linux, Windows*

**Design and IDE:** *Android Studio, Design Patterns, Eclipse, Eclipse JEE, IntelliJ IDEA, Object Oriented Design, Replit, Vim, Visual Studio*

**Version Control and Others:** *Agile, Git, GitHub, Jira, OAuth2, XAMPP*

**Projects**

**Twitter-like Microservice**

Coordinated microservices to communicate over RESTful APIs to provide messaging and subscribing capabilities. Secured with OAuth2.

*Technologies: Java, Linux, Maven, MySQL, OAuth2, Spring Boot*

**NASA Image of the Day Android App |** [Code](https://github.com/a-muns/NASA-Image-of-the-Day-App)

Crafted an application to facilitate querying and viewing NASA’s Astronomy Picture of the Day API. Available in English and Spanish.

*Technologies: Android Studio, Gradle, Java, SQLite, XML*

**Solitaire for Browser and Desktop |** [Code](https://github.com/CST8334-Group10-W23/solitare) [Demo](https://cst8334-group10-w23.github.io/solitare/)

Led a group of four in designing and deploying Solitaire in an Agile environment.

*Technologies: HTML, CSS, JavaScript, ElectronJS, Jira*

**Fruit Growth for Android – In Progress |** [Code](https://github.com/a-muns/FruitGrowth)

Designed the Android version of an iOS application which helps apple farmers optimize profit and yield of quality fruit. Uses a growth model from Cornell University’s Department of Agriculture and Life Sciences.

*Technologies: Android Studio, Gradle, Java, SQLite, XML*

**Professional Experience**

**IT Support & Orchard Assistant |** *2020 – Present (Seasonal)*

T&K Ferri Orchards, Craigleith, ON

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

**Front Desk |** *2021 - Present (Seasonal)*

Craigleith Ski Club, Craigleith, ON

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

**Designated Skills Trainer / Front Desk Representative |** *2019 – 2020*

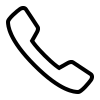
Blue Mountain Resort, Blue Mountains, ON

Coached hotel policies and complex hospitality software to groups of six new staff in two-week sessions.

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Description automatically generated [a.muns@live.ca](mailto:a.muns@live.ca)

(705) 441-3880



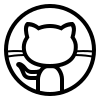
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Description automatically generated [linkedin.com/alexander-muns](https://www.linkedin.com/in/alexander-muns/)

[github.com/a-muns](https://github.com/a-muns)



**Education**

**Diploma in Computer Programming (Hons)**

Algonquin College | Ottawa, ON

Graduated in 2023.

4.0 GPA.

**Advanced Diploma in Music Performance (Hons)**

Cambrian College | Sudbury, ON Graduated in 2017.

Highlighted on the Dean’s and President’s lists for academic achievement.

**Certifications**

**Student Leadership Program** (2022)

Algonquin College

**Python Crash Course (Hons)** (2022)

Colby Pryor, CPO

**Responsive Web Design** (2021)

freeCodeCamp

**Volunteer Experience**

**Moderator** (2022 – Present)

Algonquin Computer Programming Discord Server

**Operations Assistant** (2022)

5th Street Creative Initiatives

**Design Consultant** (2022)

Collingwood Climate Action Team