

# Alexander Muns

Software Developer

## Education

### Diploma in Computer Programming (Hons)

Algonquin College | Online / Ottawa, ON (2022 – 2023)

Graduated in April 2023

Achieved a cumulative 4.0 GPA.

### Advanced Diploma in Music Performance (Hons)

Cambrian College | Sudbury, ON (2014 – 2017)

Graduated in 2017

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

## 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](#)

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](#) [Demo](#)

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](#)

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

### T&K Ferri Orchards

Orchard Assistant | 2020 – Present (Seasonal)

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

### Craigleith Ski Club

Front Desk | 2021 - 2023 (Seasonal)

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

### Blue Mountain Resort

Designated Skills Trainer / Front Desk Representative | 2019 – 2020

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

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

## Technical Skills

### Front End

HTML, CSS, JavaScript, JSON, PHP, 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

## Certifications

### Algonquin College

Student Leadership Program – Graduate (2022)

### Colby Pryor, CPO

Python Crash Course – Honours (2022)

### freeCodeCamp

Responsive Web Design (2021)

## Volunteer Experience

### Algonquin Computer

### Programming Discord Server

Moderator (2022 – Present)

### 5<sup>th</sup> Street Creative Initiatives

Operations Assistant (2022)

### Collingwood Climate Action Team

Design Consultant (2022)