**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](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**

**T&K Ferri Orchards**

**Orchard Assistant |** *2019 – 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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Description automatically generated [a.muns@live.ca](mailto:a.muns@live.ca)

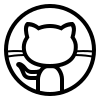
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Description automatically generated [linkedin.com/alexander-muns](https://www.linkedin.com/in/alexander-muns/)

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



**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)

**5th Street Creative Initiatives**

Operations Assistant (2022)

**Collingwood Climate Action Team**

Design Consultant (2022)