

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](#)

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

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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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