

Alexander Muns

Software Developer

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Education

Diploma in Computer Programming

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

Graduated in April 2023

Achieved a cumulative 4.0 GPA.

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.

Projects

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

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

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

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

Professional Experience

Craigleith Ski Club

Front Desk | 2021 - 2023 (Seasonal)

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

T&K Ferri Orchards

Orchard Assistant | 2019 – 2023 (Seasonal)

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

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.

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)