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

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 | *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.

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)