Ian Christian

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Summary

- **Enthusiastic, detail-oriented, and fast learner** with 9 years of professional workplace experience prior to studying programming.

- **High performance problem solver** with a strong aptitude for research and self-study. Comfortable taking on large projects with or without guidance.

- **Reliable collaborator** who meshes well with teams and can be depended upon to meet objectives.

Education

- Current IT Programming Student, Class of 2024
  Nova Scotia Community College
  - Top performer in all studies

- Bachelor of Music with Distinction, Class of 2017
  McGill University, Montreal, QC
  - Graduated with 3.89 GPA, Dean's list – 2015
  - Electives in programming fundamentals

Technical Skills

- OOP Core Concepts
- Java
- HTML & CSS
- SQL Core Concepts
- Git
- PowerShell
- POS (Point of Sale) Software

Professional Experience

Software Development Consultant   **Nov 2022 - Present**

Seabed Geotechnics
- Maintained operational capability to progress software development, as originating software developer retired from the project.
- Tested Java-based software during development phase, for use in remotely applied quality control, covering real-time acquisition of marine geophysical data for application in offshore wind-farm foundation design process.
- Assisted with development and verification testing using synthetically generated "pure" datasets.
- Provided software review and assisted in modification during full commercial implementation for fully autonomous data collection, processing, and quality control.

- Reviewed and revised software documentation manuals as required, to reflect new features after testing and verification.

Owner of Instrument Repair Business   2021 – 2023

IC Lutherie
- Carried out detailed restoration work for demanding professional musicians.
- Developed and expanded on expertise in complex lutherie practices.
- Built business-to-business relationships with manufacturers and suppliers.
- Maintained precise financial records of business operations.

Repair Technician   2015 – 2022

Long & McQuade Musical Instruments

- Conducted complex repairs on violins, violas, cellos, and basses.
- Maintained nationwide instrument rental inventory.
- Engaged with customers to discuss solutions to their repair needs.

Design and Fabrication of a Professional Quality Contrabass   2017 – 2021

Private Project

- Major project requiring extensive research, planning, problem-solving, and self-directed learning.
- Finished product was showcased in a major international luthier's convention, receiving high praise from industry experts.

Artificial Intelligence Research Assistant   Jan – April 2017

McGill University

- Assisted in developing experimental AI software for autonomous music composition.
- Conducted research to build extensive record catalogue to act as reference material.

Research Assistant   2013 – 2016

Saint Mary's University

- Filed thousands of statistical reports to complement scholarly research papers.
- Performed archival research utilizing library science resources.