

# Ian Christian

902.402.7523 | Halifax, NS | ianchristian54@gmail.com | github.com/IChrist-dev

---

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

## 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 windfarm 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.