Josh Glenen

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EDUCATION

Dalhousie University, Halifax, N.S.
Bachelor of Electrical Engineering   2015 - 2017

Acadia University, Wolfville, N.S.
Bachelor of Applied Science   2012 – 2015

SKILLS

Software
Microsoft Office Suite, AutoCAD, Matlab, ETAP, Visual Studio, Solid Works, Solid Edge, Matlab, LabVIEW

Languages
C++, C#, C, Python, Java, XML, HTML, VHDL, Assembly, and JavaScript

Credentials
EIT with Engineers N.S., Fluent in Verbal and Written French, Musician, WHMIS, OH&S, Class 5 N.S. driver's license

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PROJECTS

Windows Notification Tool   2017
Currently programming an open source program that will allow for easier manipulation of the notification tools present in Windows OS. Learning advanced practices and new programming languages to expand my knowledge.

Powered Wheelchair Safety Switch   2017
Developed a successful and reproducible prototype in a team that was cheaper, smaller, and more convenient than competitors. Designed an embedded system which helps prevent accidents for powered wheelchair users from a distance. Released an Android app which uses Bluetooth Low Energy to communicate with a custom Arduino while minimizing power consumption.

Auto Guitar Tuner   2015
Designed a machine using a DC motor, microphone, and LabVIEW to change the length of a guitar string dynamically based on dynamic sampling when plucked.

WORK

Cruise and Events Assistant, Town of Pictou   2015
Individually produced weekly events flier that advertised for attractions and businesses on the Northumberland Shore. Assisted tourists and customers around the town during major events.

Facilities Support Assistant, NSCC Pictou Campus   2014
Managed a daily schedule to perform weekly tasks as part of a team of several individuals. Learned invaluable teamwork methods to maximize efficiency while preparing for large events held at the campus.

Quality Control Assistant, DSME Trenton   2013
Solved irregularities in production data logging and scheduling by converting data from a temporary paper file system into excel spreadsheets and a Microsoft Access database. Worked closely with QA and floor managers to keep an updated work schedule and prepare for an audit.

Volunteer, Christ Church Stellarton   2009-2015
Assisted with community programs and fundraisers for local charities including food drives, summer fairs, and Sunday School.

References available upon request