

# Josh Glenen

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EDUCATION	<b>Dalhousie University, Halifax, NS</b>	2015 - 2017
	Bachelor of Electrical Engineering	
	<b>Acadia University, Wolfville, NS</b>	2012 – 2015
	Bachelor of Applied Science	
SKILLS	<b>Software</b>	
	Microsoft Office Suite, AutoCAD, Matlab, ETAP, Visual Studio 2017, etc.	
	<b>Languages</b>	
	C#, Python, C++, C, Java, XML, HTML5, VHDL, Assembly, and JavaScript	
	<b>Credentials</b>	
	EIT with Engineers Nova Scotia, Fluent in French, Musician, WHMIS, OH&S, Class 5 driver's license	
WORK	<b>Cruise and Events Assistant, Town of Pictou</b>	<b>2015</b>
	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.	
	<b>Facilities Support Assistant, NSCC Pictou Campus</b>	<b>2014</b>
	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.	
	<b>Quality Control Assistant, DSME Trenton</b>	<b>2013</b>
	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.	
	<b>Volunteer, Christ Church Stellarton</b>	<b>2009-2015</b>
	Assisted with community programs and fundraisers for local charities including food drives, summer fairs, and Sunday School.	
PROJECTS	<b>Windows Notification Tools</b>	<b>2017</b>
	Currently programming an open source suite of software that will allow for easier manipulation of the notification tools present in Windows OS. Learning advanced programming skills and standards for future large-scale projects.	
	<b>Powered Wheelchair Safety Switch</b>	<b>2017</b>
	Designed a successful and reproducible prototype in a team of 3 over 8 months that fulfilled the need of our Client. Created an embedded system which allows a trainer or parent of a powered wheelchair user to prevent accidents by stopping the machine from a distance. Released an Android app which uses Bluetooth Low Energy to communicate while minimizing power loss.	
	<b>Maze Running Robot</b>	<b>2016</b>
	Created an autonomous robot in a team of 3 to race a preset maze using an Atmel microprocessor and a limited number of components.	
	<b>Auto Guitar Tuner</b>	<b>2015</b>
	Designed a prototype using a DC motor, microphone, and LabVIEW to change the length of a guitar string dynamically based on dynamic sampling when plucked.	

References available upon request