

Jeremy SAWH

Computer Systems Engineer | Software Developer

 [linkedin.com/in/jeremysawh](https://www.linkedin.com/in/jeremysawh)  github.com/jeremysawh

 jeremysawh.github.io

 +1 647-537-8024  jeremysawh@gmail.com

 Toronto, Ontario

Developer who has experience of development on the Java ecosystem (J2EE, J2ME, Android), many front end frameworks(Angular JS, React, Node JS) and databases (DB2, Oracle, SQL, Mongo DB). I am particularly interested in machine learning, and system/software architecture. I wish to pursue my career on development projects that have a focus on new innovative technologies and machine learning.

PROFESSIONAL EXPERIENCE

Present March 2018	Software Developer Java , ECONOMICAL INSURANCE, Kitchener, ON <ul style="list-style-type: none">> Development of a Guidewire security reporting scheduled batch job that generates data specific excel reports which are sent to specific business units.> Migration of message brokers to IIB 10> Product enhancement and bug fixes to existing frameworks> Development of business value add tools such as a policy copy utility, broker document processing monitors, Legacy application automation etc. <div>Apache Tomcat Rational Application Developer IBM Eclipse Struts Hibernate JPA Jenkins/Hudson Java 8 WMB7/IIB10 Websphere 9 Jira/Confluence Oracle DB Javascript Angular JS React</div>
Present January 2018	Software Developer Junior Java developer, TATA CONSULTANCY SERVICES, Toronto, ON <ul style="list-style-type: none">> Support and maintenance of business applications> Monitoring, validation and integration of outsourced developments> Implementation, analysis and delivery of bug fixes on business applications> Writing architectural files in collaboration with the functional architects <div>Service Now Hudson Java Websphere</div>
September 2017 January 2016	Web Developer Freelance Web Developer, NO FRILLS FRANCHISEE ASSOCIATION , Ottawa, ON <ul style="list-style-type: none">> Construction of a communication hub for owners of No Frills franchises to stay up to date and voice concerns. <div>HTML CSS PHP Bootstrap Wordpress</div>
April 2017 September 2016	Software & Network Consultant, CARLETON UNIVERSITY, Ottawa, ON <ul style="list-style-type: none">> Support and maintenance of Universities IT Infrastructure.> Regular monitoring of systems such that they are current with the latest firmware and patches.

PERSONAL PROJECTS

PERSONAL PORTFOLIO

2018 - PRESENT

 <https://jeremysawh.github.io/>

This project is a personal web portfolio I created to host some information about me, my skills and some information about the projects I might be working on.

Github Pages Bootstrap HTML CSS Javascript Visual Studio Code

MELBA

2016 - 2017

Melab is an machine learning/automated testing tool. Melba automatically generates a collection of test cases given a programs input parameters. These test cases can then be applied directly to a program, used in the research of software quality assurance or in the testing a program during its development cycles. Melba is designed in a way that its easy to integrate other 3rd party testing tools.

Microsofts Z3 CASA WEKA ACTS Java Java FX

TRIVAL FILE TRANSFER SERVER

2016 - 2016

 github.com/JeremySawh/TFTPFileTransferSystem

A networking project in which I worked in developing a file transfer server following the RFC1350 protocol. The program was developed to ftp and receive files from multiple clients while handling scenarios such as hung threads, access violations and bad data. A standalone error simulator was developed as an automated test solution to create such scenarios.

PI-BAND

2015 - 2015

Pi-Band is a collection of integrated circuits that streams musical data in real time allowing multiple users to play a collection of instruments without having each user being physically next to each other.

EDUCATION

June 2017 Carleton University | Computer Systems Engineering, BACHELORS, Ottawa, ON
August 2013

September 2009 Ontario Secondary School, HIGH SCHOOL DIPLOMA, Brampton, ON
June 2013

SKILLS

Programming	Java (JEE, JSE, JME, Java Card Platform), Microsoft .Net (C#), Typescript , Javascript, CSS
Frameworks	Spring, Spring Boot, Angular 6, Hibernate
Databases	IBM DB2, Oracle Database, MySQL, PostgreSQL
Development Environments	Eclipse , Visual Studio Code, Maven, SVN, GIT
Middleware	Apache Tomcat , Websphere Application Server (WAS)
Operating Systems	Mac OS X, Windows 10, Linux