

# José Gordillo

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## Education

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Bachelor of Software Engineering  
University of Victoria

Sept. 2012 – Aug. 2017  
Victoria, British Columbia

## Technical Skills

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### Programming Languages

Java  
C  
C++  
Javascript  
Python  
Ruby  
HTML  
CSS  
SQL  
Bash

### Computer Science Knowledge

Web Programming  
Android App Programming  
Real Time OS Programming  
Artificial Intelligence Algorithms  
Big Data Processing  
Design Patterns  
Regular Expressions  
Data Structures  
Object-Oriented Design  
Relational & Document-Oriented Databases  
Security Engineering  
Network Protocols  
Agile Methodologies

### Software Frameworks/ Libraries

Android  
React.js  
AngularJS  
Ruby on Rails  
Rendr  
Node.js  
Express.js  
jQuery

### Testing Software

Selenium  
JUnit  
Mocha  
Chai  
RSpec  
Google UI Automator

### Database Technologies

PostgreSQL  
MongoDB  
SQL Server  
MySQL  
Spark  
Hadoop

### Version Control Software

Git  
SVN  
CVS

### IDEs

Eclipse  
Android Studio  
Visual Studio  
Netbeans

### Operating Systems

Windows:  
XP, Vista, 7, 8, 10, Server 2012  
Linux:  
Ubuntu 12.04, 14.04, 15.10  
RHEL 6.6  
CentOS 7.0  
Mac OS:  
10.4.11

## Work Experience

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### Software Engineer (Co-op)

Change.org

May 2016 – Aug. 2016  
Victoria, British Columbia

- Designed and programmed features and fixed bugs for the Change.org website
- Worked with codebases written in Ruby on Rails and Rendr (with Backbone.js)

### Software Designer (Co-op)

Nokia (formerly Alcatel-Lucent)

Sept. 2015 – Dec. 2015  
Ottawa, Ontario

- Designed and programmed new features for a network supervision SmartClient web application using Javascript, jQuery, HTML, and CSS
- Added features to a JBoss server using Java and object-oriented programming
- Fixed reported bugs and improved the graphical user interface of the webapp

### Automation Engineer (Co-op)

Isolation Network, Inc.

Sept. 2014 – Dec. 2014  
Victoria, British Columbia

- Designed and programmed a test automation framework for an electronic book distribution program using Java and Powershell
- Created a graphical user interface for the framework that allowed the user to select multiple test cases and to select the target server for testing
- The framework accessed databases in SQL servers, used Powershell scripts for remote file handling, and used Java regular expressions for folder name validation

### Quality Assurance Engineer (Co-op)

Intel Corporation / Recon Instruments

Jan. 2014 – Apr. 2014  
Vancouver, British Columbia

- Designed and programmed an automated testing framework to test the company's products using Java and Bash scripts
- Programmed automated tests for Android devices using Robotium and Google UI Automator
- Programmed automated tests for the company's website using Selenium

## Projects

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- Created Android app that creates location based reminders (<https://play.google.com/store/apps/details?id=com.jjindustries.prototype.rfindr&hl=en>)
- Created website for handymen crowdsourcing in Latin America using React.js, Node.js, Express.js, Webpack, Babel, and PostgreSQL (<https://github.com/gordillo99/fixo>)
- Created a personal website for my résumé and personal projects using Bootstrap, CSS, HTML, jQuery, and Node.js (<http://jjgordillo.herokuapp.com>)
- Wrote a Real Time Operating System (RTOS) that can handle system, periodic, and round robin tasks (<https://github.com/gordillo99/RTOS>)
- Created a Blackjack desktop application written in C++ and using SFML (<https://github.com/gordillo99/BlackJackGameWithGUI>)

## References

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References available upon request.