José Gordillo

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Education

Bachelor of Software Engineering   Sept. 2012 – Aug. 2017
University of Victoria   Victoria, British Columbia

Technical Skills

Programming Languages	C C++ Java Javascript Ruby Python HTML CSS SQL Bash Powershell MATLAB Assembler	**Computer Science Knowledge**	Web Programming Object-Oriented Programming Aspect-Oriented Programming Real Time OS Programming Artificial Intelligence Algorithms Big Data Processing Design Patterns Regular Expressions Data Structures Relational and Document-Oriented Databases Security Engineering Network Protocols UML Agile Methodologies
Software Frameworks/ Libraries	React.js AngularJS Ruby on Rails Rendr Node.js Express.js jQuery Spring	**Testing Software**	Junit Mocha Chai Rspec Selenium Google UI Automator Robotium
Database Technologies	PostgreSQL MongoDB SQL Server MySQL Spark Hadoop	**Version Control Software**	Git SVN CVS

IDEs	Eclipse
	IntelliJ IDEA
	Visual Studio
	Netbeans
	Atmel Studio 7
		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

Software Engineer (Co-op)   May 2016 – Aug. 2016
Change.org   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)   Sept. 2015 – Dec. 2015
Nokia (formerly Alcatel-Lucent)   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)   Sept. 2014 – Dec. 2014
Isolation Network, Inc.   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)   Jan. 2014 – Apr. 2014
Intel Corporation / Recon Instruments   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

- Created website for handymen crowdsourcing in Latin America (https://fixo.gt) using React.js, Node.js, Express.js, Webpack, Babel, and PostgreSQL
- Created a personal website for my résumé and personal projects (http://jjgordillo.herokuapp.com) using Bootstrap, CSS, HTML, jQuery, and Node.js
- 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 (Simple Fast Multimedia Library)

References

References available upon request.