

Rajan Jassal

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Highlights of Qualifications

- Experience working in small project teams in order to complete software development projects using Agile practices.
- Robust object-oriented design skills having used object-orientated languages and design patterns to create multiple projects including an Android application
- Aptitude and proficiency in self-teaching new computer technologies by having self-taught a magnitude of different programming languages and technologies
- Computer security enthusiast who keeps current with cybersecurity trends in the industry

Education

BSc in Computer Engineering

2012- 2016

University of Alberta, Edmonton, AB

- GPA: 3.3/3.4
- Key Electives: Reliable Secure System Design, Object Oriented Software, Introduction to Software Engineering, Introduction to File and Database Management, Intelligent Systems
- Capstone project: A gesture tracking glove that was able to successfully identify linear gestures and then execute keyboard shortcuts on a Windows computer

Design Projects

- Created an Android application in a small team of six people using a combination of Agile software development principles, object-oriented design, version control, unit testing and test driven development.
- Developed a web-based database application using HTML, CSS, JavaScript, jQuery, and PHP. Using SQL queries and an Oracle database, a web-based application was created that allowed users to log in and perform various actions on stored data.
- Implemented a website using a combination of HTML, CSS, and JavaScript that executed web development code inputted into a browser

Work Experience

Warehouse Employee

May 2013- August 2013

IPEX, Edmonton AB

- Required to think in creative ways in order to utilize limited time and resources to complete orders by a given deadline
- Gained vital communication and interpersonal skills in order to work effectively in a positive team environment

Technology Summary

- Programming languages: Java, C, JavaScript, Python, RISC Assembly, PHP, Lisp, and Prolog
- Strong object-oriented design skills
- Experience with markup languages such as XML and HTML
- Web development skills with HTML, CSS, PHP, SQL, JavaScript, jQuery and Bootstrap
- Experience with Android mobile development. Skill with working in both Eclipse and Android Studio
- Skill using Git and GitHub for version control
- Ability to work in a Unix based terminal
- Familiarity with Windows, OS X, and Linux