

VEDANT KHATTAR

COMPUTER ENGINEER

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OBJECTIVE

Enthusiastically seeking a full-time job opportunity in the field of Software and Computer Engineering where my academic and professional experience can be used to solve interesting problems

SOFT SKILLS

- Desire for innovation expressed through creation of a functional Smart Android-Arduino T-shirt and other personal projects
- Strong communication skills obtained by working in diverse work environments
- Quick to adapt to new environments; willingness to learn and undertake new challenges

INTERESTS

Guitar | Hackathon | Novels | Soccer

TECHNICAL SKILLS

Languages

Java | C++ | C | PHP | Python | Objective-C

Tools

Android-Studio | Eclipse | XCODE | GIT | SVN |
MySQL | JMeter | MAMP

Markup and Design

HTML | XML | CSS | Adobe Photoshop

SDK

Android | iOS

Presentation

Demos | Market | Competitor | Product | Technology

WORK EXPERIENCE

FALL 2014

Mississauga, ON

+ SOFTWARE DEVELOPER

Blackberry

- Implemented a TCP Server Client Communication Service for the BlackBerry Messenger (BBM) app on the Android and BB10 platform
- Extended the TCP sampler of Apache JMeter to write a custom JSON TCP parser and JSON validator helper methods
- Redesigned the existing Android BBM UI to support multiple display sizes
- Gained experience in debugging and development of android apps on Android-studio and code-review process using GIT and JIRA.

FALL 2013

Delhi, IN

+ SOFTWARE DEVELOPER

Medfin Capital Group

- Worked in the debt Syndication team to help automate the loan tracking process
- Worked on a Java applet called 'QuickCommand' which allows accountants to quickly issue commands to different applets within internal financial applications
- Supported auto-completion of commands being typed into QuickCommand and auto-detection of the applet for which a command was issued

WINTER 2013

Markham, ON

+ MULTIMEDIA SUBSYSTEM DESIGN

Qualcomm

- Developed MISR feature for the VBIF (Virtualization Bus Interface) team
- Contributed with test plan development (Vera, System Verilog test bench) and verification closure in conjunction with the ASIC teams
- Gained strong knowledge of Objected Oriented programming, bus (AHB, AXI) and event driven simulators

SPRING 2012 Cupertino, CA	+	PHP AUTOMATION ENGINEER SugarCRM Inc. <ul style="list-style-type: none"> • Developed an automated testing tool using PHP that tested the web application software • The testing tool parsed through cache, database and generated XML scripts to test the core functionality of the product • Contributed in designing an innovative testing automation framework that followed the principle of Blackbox Testing
FALL 2011 Toronto, ON	+	SOFTWARE QA TESTER Ramsoft Inc. <ul style="list-style-type: none"> • Conducted all levels of testing including regression, application, acceptance, load and stress testing • Implemented and debugged third party software such as maintaining health records, billing and speech recognition
WINTER 2010 Ottawa, ON	+	SOFTWARE VERIFICATION ANALYST Irderto <ul style="list-style-type: none"> • Ported C++ test cases to C and manually tested them using Putty in Windows, Mac and Linux Virtual machines to ensure portability • Coded data type transcoding test cases for all platforms and made changes in the main framework to implement them

PERSONAL PROJECTS

2013 - PRESENT	+	SMART-T-SHIRT ANDROID-ARDUINO PROJECT <ul style="list-style-type: none"> • Developed an Android App which controls the LED's mounted on the back of a T-shirt • Used an Lilypad Arduino to program the LED's and to connect the Bluetooth module • The T-shirt uses Android's inbuilt voice detection as well to make the LED's blink
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EDUCATION

2010 - 2015	+	CANDIDATE FOR BACHELOR OF APPLIED SCIENCE, HONORS COMPUTER ENGINEERING University of Waterloo
	+	RELEVANT COURSES <p>Data structures and algorithms Run-time complexity, stack, queue, has table, linked list, graph data structures, trees</p> <p>User Interfaces Basics of human-computer interactions, design/develop/evaluation of user interface architecture</p> <p>Compilers Lexical analysis regular expressions and finite automata, parsing, context-free grammars and push-down automata, sematic analysis scope and name analysis, type checking.</p> <p>Operating Systems Process management, multi-thread communication and synchronization, memory management, file systems, interrupt handling, concurrent programming.</p>