

Bilal Al-Hajjar

Ottawa, ON

613-355-7556

bilal.alhajjar@gmail.com

SUMMARY

- Proficient in all areas of the software development process including requirements gathering, design, coding, testing, debugging and documentation.
- Very motivated individual with excellent problem-solving skills, self-starter and the ability to work independently as well as in teams
- Proficient in object-oriented analysis/design, database and network development
- Interested in applying my amazing technical skills or pickup new ones on the job

EXPERIENCES

Coordinator/Leader | 2005-Current

AICP - Young Leadership Group

Ottawa, ON

- Coordinate Boys & Girls Club program at the Islamic Cultural Centre to help the youth become more involved in the community
- Lead and organize local fundraiser events to raise money for our community
- Lead and organize fun fairs for children in our community.

Website Developer | 2013 - Current

Independent Contractor | Ottawa, ON

- Design and develop small affordable business websites that are mobile friendly using HTML5, CSS, Twitter bootstrap and jQuery.
- Setup and train clients with eCommerce systems like Magento and Prestashop.

Environment: HTML5, CSS, Twitter Bootstrap, Javascript, jQuery, Magento and Prestashop.

Software Developer/Analyst | 2013 - 2014

Trimara - Oscar EMR Provider | Ottawa, ON

- Provided over the phone client support, training and troubleshooting for the Oscar EMR system and reported bugs to the development team and the Oscar community
- Developed and implemented new features for the Oscar EMR System in Java,JSF, JSP, Javascript, jQuery, html and css
- Coordinated system upgrades with clients to their remote systems via ssh
- Analyzed, tracked and fixed bugs reported by clients on either client machines or the remote servers
- Tracked and completed tasks assigned through Jira

Environment: Java, JSF, JSP, Javascript, jQuery, HTML, CSS, SQL, bash scripting, Linux, Apache, Selenium, Jira, Git, and SSH.

Software Developer - Mobile Healthcare Applications | 2012-2013

Mobile Wellbeing inc.

Ottawa, ON

- Maintained current Android mobile healthcare applications in Java
- Designed and implemented features defined by the business requirements
- Developed in a client/web service environment using OAUTH 2.0 and JSON
- Experimented with Bluetooth architecture for Android mobile phones
- Implemented and designed UI for Android tablets and phones
- Provided insight and implemented UI design based on our target market that would provide positive user experience
- Designing and implemented new Consumer application integrating new Android design pattern and API features like fragments
- Persisted data by implementing a content provider that would interact with the SQLite database

Environment: Java, Android, ADT, Eclipse, JSON, OAuth, Jira, client/web services and UX

Project Lead and Mobile Developer - Home Monitor | 2011-2012

Algonquin College Applied Research

Ottawa, ON

- Consulted with clients to define and document the system requirements
- Designed and implemented Android thread safe client that synchronizes with a web service for updating and sending data
- Used JSON format for sending and receiving data from a web service
- Researched multi threading for the Android OS by using background services that would sync with the service and push notification on certain events
- Refactored code to follow the MVC framework

Environment: Java, Android, MVC framework, ADT, Eclipse and JSON

Project Lead and Mobile Developer - Cognilore eReader | 2011-2012

Algonquin College Applied Research

Ottawa, ON

- Consulted with clients to define the proposed system requirements.
- Experimented with iOS development and porting c/c++ code to objective-c.
- Researched and evaluated mobile design and development concepts for eReaders.
- Researched and developed back end for an iPad application in C# using MonoTouch.
- Recommended development tools to meet with the client's requirements.
- Ported C# code base to c++ .
- Troubleshooting, Bug Tracking, Bug Fixing and helping others.

Environment: C#, C++, iOS and Mono Touch

Interwoven Workflow Developer Intern | 2010-2011 (4 months)

Department of Foreign Affairs and International Trade

Ottawa, ON

- Developed complex back end Interwoven CMS workflows in Java and Perl that made use of XSLT to generate emails and sent using SMTP.
- Researched the Interwoven API to code workflows in Java.
- Designed and implemented an email notification workflow for Interwoven CMS.
- Assisted in the collection and documentation of the user requirements
- Developed test plans and participated in code testing to ensure workability, completeness and quality.
- Implemented HTML form validation with Javascript.
- Troubleshooting, Bug Tracking, Bug Fixing and helping others

Environment: Java, Perl, Interwoven CMS, XSLT, XML, SMTP, HTML and Javascript.

Mobile Developer | 2010-2011 (8 months)

NiTec Corporation (Co-op Project)

Ottawa, ON

- Consulted with the client to identify the system requirements
- Researched and implemented Android mobile design/development concepts
- Experimented with the text to speech engine
- Participated in the research and development of Android applications using Google's android API in Java
- Worked on the development of both the client and pc applications
- Implemented synchronization protocols
- Troubleshooting, Bug Tracking, Bug Fixing and helping others

Environment: Android, Java, Text to Speech, Swing, JSON and Sync Protocols

Interwoven Content Migration/Workflow Developer Intern | 2009(4 months)

Department of Foreign Affairs and International Trade

- Used Interwoven content management system interface to migrate content from an existing site
- Cut and paste content from one source into another and modified formatting according to the CLF 2.0 using Interwoven content management system (common, look and feel standards for the Internet 2.0)
- Review own work and the work of others for completeness and accuracy (Quality Assurance)
- Monitor and produce reports on progress of work
- Developed workflows for certain jobs containing a series of tasks.
- Worked with Perl, Java Script and XML documents in the development of workflows

Environment: Javascript, HTML, Interwoven CMS and Perl

Site Support Technician Intern | 2009(4 months)

Department of National Defence

Ottawa, ON

- Migrated clients Windows 2k workstations to Windows XP
- Setup and configured Windows XP operating system on client workstations and laptops
- Provided on-site and telephone support to clients
- Deployed and setup Workstations, laptops, printers and scanners
- Used active directory to add and remove computers from a domain

Environment: Windows XP, Level 1&2 support and active directory

EDUCATION

Advanced Diploma of Computer Engineering Technology: Computing Science

January 2011 | Algonquin College, Ottawa, Ontario

Diploma of Business Marketing

April 2008 | Algonquin College, Ottawa, Ontario