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OSAZUWA OMIGIE

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EMPLOYMENT

Software Engineer   **IBM**   **March 2015 - Present**
- Fixed a defect on the visualization recommendation algorithm for Watson Analytics
- Actively learning more about the product and adapting to the organization's developer culture

Software Engineer   **Alcatel-Lucent**   **May 2013 – March 2015**
- Built an enterprise web application for monitoring utilization levels of network links and MPLS interfaces
- Wrote a python tool that automates the creation of service access ingress policies
- Built a software build system similar to Jenkins that also performs version control system operations

Software Engineer, Intern   **Electronic Arts (EA)**   **May 2012 – August 2012**
- Built a java software tool using DWR engine, JAXB, and perforce source control API for adding and configuring game content on a gaming platform
- Developed a groovy script for reporting the game server's thread statistics whenever a certain alarm is triggered by the monitor
- Actively participated in code reviews for critical bug fixes and new features on the gaming platform and the game server

Software Designer, Intern   **Blackberry**   **September 2010 – April 2011**
- Investigated and solved SMS, GPS and CDMA related software bugs and change requests
- Wrote and maintained a windows batch program which saved the company production costs and was in use by over 520 RIM designers and testers worldwide
- Wrote and maintained a desktop application in visual C# for automating calibration and upgrading boot rom on BlackBerry mobile phones

EDUCATION

Ottawa, ON   **Carleton University**   **September 2008 – May 2013**
- Bachelors of Engineering, Software (B.Eng.)

TECHNICAL EXPERIENCE

Recent Projects

- **www.zuwa.me** (2012). Personal online portfolio for keeping track of my software projects and experiments. *JavaScript, HTML5, CSS3*

- **www.iMathIt.com** (2013). An iPhone game for teaching high school students math. The app is being developed using both the cocos2d and core-plot frameworks. *Objective-C, JavaScript, PHP, HTML5, CSS3*

- **Compiler - front-end and code generator** (2012). A compiler with source language as CMM (a language grammar I made up) and target architecture is the Java Virtual Machine. CMM is first compiled to jasmin assembly language and then java byte code. *Java*

- **Mobile phone simulator** (2012). An embedded application for the Motorola 68HC12 microcontroller. The application simulates the various functions of a mobile phone and performs multitasking using interrupt handlers. *C, 68HC12 assembly language*

Languages and Technologies

- Java; JavaScript; C; CSS3; HTML; Python; JSON
- MySQL; Maven; Apache Tomcat; GIT; Intelli-J; Eclipse; X-code
- HTTP; TCP/IP; REST; AJAX