

Nelson Onyibe

~ Association for Computing Machinery Member ~

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~ Education ~

MASTER OF SCIENCE IN COMP. SCI.

(Expected 2012)

Brown University, Providence, RI

BACHELOR OF SCIENCE IN COMP. SCI. AND MATH

2007

State University of New York (SUNY), Plattsburgh, NY

~ Proficiencies ~

• Java • Linux • Windows • Mac • PHP • Ruby • Python • JavaScript • JQuery • Ajax • HTML • XHTML • XML • DHTML • CSS • SQL • PostgreSQL • MySQL • Ruby on Rails • Spring MVC • Django • Adobe Photoshop •

~ Professional Experience ~

SUMMER RESEARCH INTERN, Nokia Inc, Palo Alto, CA JUN 2011 – AUG 2011

Worked within a team of seven to design and implement an app using Python, MySQL, JavaScript and HTML5

Conducted research centered around the intersection of TV and social networks

Participated in patent meetings and workshops

Collaborated with team members to crystalize ideas

Constructed wire frames and UMLs to communicate ideas and architectures to other team members

Liaised with external TV data provider to make arrangements on how to acquire TV data

WEB PROGRAMMER, S4 Sociology, Dept., Brown University, AUG 2010 – DEC. 2010 (PART-TIME)

Assisted in implementing <http://www.s4.brown.edu/us2010/> & <http://www.s4.brown.edu/mapusa/> using the .NET framework.

SOFTWARE DEVELOPER, THINK AGENCY INC, MAITLAND, FL JUN 2009 – FEB 2010 (CONTRACT)

Developed the WikiSTIK; a JAVA based flash drive software application.

Designed and implemented new database schemas and optimized older ones.

Built new Content Management System capabilities and maintained older ones using PHP 5, in some cases PHP 4.

Added new Ajax capability to frontend newsletter signup forms

WEB APPLICATION DEVELOPER, Aeon Blu, Orlando, FL AUG 2008 – JUN 2009 (CONTRACT)

Collaborated with team members to design and implement software solutions using PHP, MySQL, JavaScript and it's affiliated libraries

Designed and implemented new Content Management System functionalities and maintained older ones

Designed and implemented the UI with JavaScript, JQuery, CSS and HTML.

Collaborated with team members to build CMS and front-end that support sales of Digital albums, MP3s, SACDs, CDs and other merchandise like T-shirts, mugs, gift items and other collectibles.

Built a playlist maker in the CMS and also incorporated it along with WORDPRESS blog in the front-end of the site (<http://www.concordmusicgroup.com>).

WEB PROGRAMMER, Numusiczone.com, Burlington, Vermont JAN 2008 – JUNE 2008

Collaborated with two other team members to design and implement the aforementioned dynamic website, including overseeing all graphics creation, color combination decisions, and site management.

Designed and implemented the MYSQL database tables for maximum efficiency.

Developed the architecture that handles clients' request and server response using PHP.

Designed and implemented the UI with JavaScript, CSS and HTML.

~ ADDITIONAL KEY EXPERIENCE ~

ALGEBRA TUTOR, Upward Bound—SUNY, Plattsburgh, NY 2007

CALCULUS / JAVA / PROGRAMMING CONCEPTS TUTOR, Learning Center—SUNY, Plattsburgh, NY

2006

TEACHER ASSISTANT, State University of New York (SUNY), Plattsburgh, NY 2006