

JOANNA DE LOS SANTOS

NEW YORK, NEW YORK | 646.644.2790 | JOANNA.CODES@GMAIL.COM
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APPLICATIONS DEVELOPER

Creative, detail-oriented, and personable IT professional and front-end developer with a focus on applications design and proactive technical troubleshooting. Possess valuable combination of practical and team management skills. Thrive in fast-paced environments and consistently meet deadlines. Will benefit companies large and small through knowledgeable programming and technical achievements.

TECHNICAL SKILLS

Programming Languages:	Java, Python
Web Development:	HTML5/CSS3, SASS, LESS, PHP, JavaScript, jQuery, AngularJS, MySQL, Django, Laravel, Vagrant, Git CMS: WordPress, Joomla, Drupal, Jekyll
Applications:	Vim, Eclipse, NetBeans, MATLAB, Visual Studio, Unity3D, PHP Storm, PyCharm, Sublime Text
Operating Systems:	Microsoft Windows 9x+, Ubuntu 12.04+, Mac OSX 10.9
Design:	Adobe Master Collection CS6, concentration in Photoshop CS6

SELECT PROJECTS

Soarian.winthrop.org – An Online Training Website

Developed a comprehensive online repository for Soarian training material using Jekyll

Winthrop-University Hospital – Portfolio Website

Developed detailed portfolio highlighting the major websites built for Winthrop-University Hospital

AxeHut.com – Web Application Development

Created original website prototype for beta testing via HTML, SASS, and AngularJS

Desktop Application – Automated Billing Software

Used evolutionary process workflow with JSwing GUI framework and Java to develop new cycle of billing automation platforms and created corresponding documentation

Desktop Application – Automated Transaction Machine

Completed a fully functional ATM machine with accurate software and mechanisms to access checking, savings, deposits, and withdrawal actions

Amerikids – Saving Panda

Developed gaming programming and used JavaScript to build a Unity3D children's game, as seen here:
www.gkmnyit.com/

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EXPERIENCE & INTERNSHIPS

Winthrop University-Hospital, IT Web Developer, July 2014 – Present

- System Administrator for Practice Unite, a secure texting application for medical staff members
- Leverage WordPress CMS and REST API skills to execute master public search directory for 300+ affiliated medical practices and also designed 18 corresponding websites.
- Improved and reorganized the intranet user experience using WordPress and Twitter bootstrap.
- Monitored Joomla built intranet while proactively adding new features, including PiWik for advanced internal metric tracking.
- Proposed a plan for the rebranding of the Hospital's online presence which includes a remodeling of the hospital's current site and web sites made specifically for hospital donations
- Participated in the improvement process of the internal application eForms using the PHP Framework Laravel to better the front end user experience.

New York Institute of Technology, Technology Assistant, September 2013 – May 2014

- Ghost imaged 100+ computers, including concurrently configuring software for multiple systems.
- Resolved wireless video connection issues for distance learning classrooms to maintain student satisfaction.
- Constructed a new Microsoft Access database for computers in 50+ classrooms.

Ideasmyth, Web Development Intern, March 2014 – May 2014

- Customized WordPress theme using HTML, CSS & PHP for accessible, attractive interface.
- Used Adobe CS6 suite to design multiple personalized banners and logos

University of Arizona, Undergraduate Research Assistant, June 2013 – August 2013

- Developed an Android application with Java and C++ for a vehicle using it as a remote control through the GPS system using Matlab, Open Jaus, and CMake.
- Produced an algorithm that allows the car to be safe enough to present to high school students.
- Crafted parameters and constants to allow the students to interact with the vehicle.
- Used TexMaker to create project proposal and published a research paper.
- Published a video that summed up the research experience.

EDUCATION

Bachelor of Science, Information Technology, *Cum Laude*

New York Institute of Technology, May 2014

National Society of Black Engineers: Secretary 2012 – 2014

Sigma Alpha Phi Honor Society: Member 2014 – Present