

# JOANNA DE LOS SANTOS

NEW YORK, NEW YORK | 646.644.2790 | JOANNA.CODES@GMAIL.COM  
JOCODES.COM | JOANNA.DELOSSANTOS.COM | GITHUB.COM/JDELOSSA

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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

<b>Programming Languages:</b>	Java, Python
<b>Web Development:</b>	HTML5/CSS3, SASS, LESS, PHP, JavaScript, jQuery, AngularJS, MySQL, Django, Laravel, Vagrant, Git CMS: WordPress, Joomla, Drupal, Jekyll
<b>Applications:</b>	Vim, Eclipse, NetBeans, MATLAB, Visual Studio, Unity3D, PHP Storm, PyCharm, Sublime Text
<b>Operating Systems:</b>	Microsoft Windows 9x+, Ubuntu 12.04+, Mac OSX 10.9, CentOS 6.7
<b>Design:</b>	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/](http://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*