## **Marlon Figueroa**

# marlonfigueroa@outlook.com

#### Education

- Lehman College, Bronx, New York: 2013-Current
  - o Computer Science B.S.
- Fox Lane High School, Bedford, New york: 2009-2013
  - Honors Designation
- Manhattanville College, Purchase, New York: Summer of 2008
  - MPALS

#### Work

- Webpage design, creation, and maintenance for Simply Sarah Inc.
  [December 2012- February 2013]
  - o <a href="http://whendogstalk.com/">http://whendogstalk.com/</a>
  - o HTML, CSS, PHP, Wordpress
  - December 2012- February 2013
- Lead Programmer for Fox Lane High School's official Android app.
  [2013 school Year]
  - Java, XML
- Undergraduate Research at Lehman College [Ongoing]
  - Assistant to Professor Matthew P. Johnson
    - http://comet.lehman.cuny.edu/mjohnson/
  - Investigating applied theoretical Computer Science
    - Understanding computational complexity theory and heuristic algorithms for search and decision problems.

#### **Awards**

- FLHS Computer Science: 2011.
- FLHS Computer Science: 2012.
- RIT Computing Medal: 2012.
- Lehman Scholars Program- Scholarship: 2013

## Volunteering

- Mt.Kisco Elementary School: Summer of 2009
- Neighbor's Link: Spring of 2013

### **Club Activities**

- Fox Lane Robotics 2010-2013
  - Non-tactile Mazebot team member 2009-2010
  - Heavyweight Sumo team member 2011-2013
  - Tactile Mazebot captain 2010-2011
  - Vice President 2011-2012
  - o Mini-Sumo team captain 2011-2013
- Fox Lane Computer Science-
  - Vice President 2011 -2012
  - President 2012-2013
  - Lead Android developer 2011-2013

# **Computer Skills**

- Proficient in the Microsoft Office Suite.
- Programming knowledge.
  - Python
  - Java
  - o C++
- · Website Development and Design.
  - o HTML
  - CSS
  - Javascript
  - o PHP
  - Wordpress
- Network wiring and setup.
- Building and Fixing computers, piece by piece.
- Projector and printer installation and wiring.
- Experienced in both Windows and Linux platforms.
- Graphic, Web Design
  - Typography
  - Content Layout
  - Color Palettes
  - Responsive code for multiple screen sizes.

#### Recommendation

• Sarah Hodgson, Simply Sarah Inc. (wheredogstalk.com)

# Languages

- Spanish
  - o Native tongue
- English
  - 12+ years
- French
  - o 6 Years
- Japanese
  - o Fall of 2013-Present