Marlon Figueroa - marlonf.com
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Objective   Junior seeking an internship opportunity that will utilize and build upon my strong background in software development and comprehensive experience with UI/UX for web, mobile and desktop applications.

Skills

Programming: Java, Javafx, FXML, Python

Web Development: HTML, Javascript, App Engine, Java Applets, PHP, Wordpress

Graphics and Design: CSS, Typography, Content Layout, Color Palettes, Responsive Pages

Experience

CUNY Research Foundation   [May 2014- Present]

Front-End Developer

- Adapting research to create user friendly, cross platform software packages
- Creating an application for use in medical imaging and evolutionary biology
  - Designed the program's look and behaviour through flow graphs, concept drawings, mockups and wireframes
  - Implemented in Java, Javafx, FXML, CSS

Research Assistant

- Investigating computational biology and bioinformatics with Prof. Megan Owen
- Assisting in the creation of new methods for statistical analysis and visualization of non-Euclidean tree space

CUNY Graduate Center   [March 2014- September 2014]

Web Developer

- Created a new Compendium of NP-Optimization Problems - http://np-compendium.appspot.com/
  - Developed using App Engine, Python, HTML, CSS

Undergraduate Researcher

- Studied applied theoretical Computer Science with Prof. Matthew Johnson
  - Learned computational complexity theory and heuristic algorithms for search and decision problems

Simply Sarah Inc.   [December 2012- February 2013]

Web Developer

- Maintained, developed and designed pages using HTML, CSS, PHP, Wordpress
  - http://whendogstalk.com/

Fox Lane High School   [2013 School Year]

Lead Android Developer

- Wrote the the Bedford Central District's first official app with Java, XML

Education

Lehman College, Bronx, New York   [Graduating Spring 2017]

- Bachelor of Science in Computer Science
- Scholars Program

Certification and Awards

Google	Computer Science with Android	2015
Rochester Institute of Technology	Computing Medal	2012
Fox Lane High School	Computer Science Award	2011, 2012