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MARLON FIGUEROA

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EMPLOYMENT

Software Developer	Research Foundation, CUNY	May 2014 - Present
<ul style="list-style-type: none">• Creating a desktop application for use in computational biology and medical imaging.• Designed the application UI/UX using wireframes, mockups and implementing using an MVC approach.• Collaborated with researchers at the Museum of Natural History to understand their work and user needs.		
Undergraduate Researcher	Graduate Center, CUNY	March 2014 - September 2014
<ul style="list-style-type: none">• Built a website with a database of NP-Optimization problems.• Studied computational complexity theory and basic heuristic algorithms for search and decision problems.		
Web Developer	When Dogs Talk	December 2012-February 2013
<ul style="list-style-type: none">• Built upon existing pages and integrated various social media to increase online presence.• Created content rich web pages from static PDFs to maximize SEO.		

EDUCATION

Bronx, New York	Lehman College	Fall 2013 - Spring 2017
<ul style="list-style-type: none">• B.S. in Computer Science, May 2017. In-major GPA: 3.9• Undergraduate Coursework: Data Structures and Algorithms, Computer Organization, Operating Systems, Database Systems, Software Engineering, Linear Algebra, Calculus II.		
Manhattan, New York	Google	Fall 2015
<ul style="list-style-type: none">• Computer Science with Android pilot course. Practiced various Computer Science skills and concepts with the support of Google engineers. Utilized Android Studio to develop multiple Android apps in weekly workshops.		

LEADERSHIP AND PROJECTS

Creator	Stock Cookie	Small website to practice web skills and provide a simple way to follow stocks.
PM	Hubly Maps	Project manager of a website which displays location of reactions to news.
Lead Dev	Hubly Events	Elected leader to create a website for students to announce campus events.
Founder	Computer Science Club	Created high school's first CS club, coordinated recruiting, administration, Android development, and campaigned to gain district support.
VP Captain	Robotics Club	Elected Vice President and held various team leadership roles while competing in the National Robotics Challenge.

CERTIFICATES, SCHOLARSHIPS AND AWARDS

Computer Science with Android	Google	Fall 2015
Honors Scholars Scholarship	Lehman College	Fall 2013 - Spring 2017
Computing Medal	Rochester Institute of Technology	Spring 2012
Computer Science Award	Fox Lane High School	Fall 2011, 2012

LANGUAGES, TECHNOLOGIES AND SKILLS

- Java, Python, Javascript, Android, App Engine, Wordpress, MySQL.
- UI/UX design to provide consistent experiences across mobile, desktop, and web.
- HTML5, CSS3 with an eye for typography, content layout, color and device compatibility.