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## MARLON FIGUEROA

marlonf.com  
stockcookie.com

### EMPLOYMENT

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

### EDUCATION

<b>Bronx, New York</b>	<b>Lehman College</b>	<b>Fall 2013 - Spring 2017</b>
<ul style="list-style-type: none"><li>• B.S. in Computer Science, May 2017. In-major GPA: 3.9</li><li>• Undergraduate Coursework: Data Structures and Algorithms, Computer Organization, Operating Systems, Database Systems, Software Engineering, Linear Algebra, Calculus II.</li></ul>		
<b>Manhattan, New York</b>	<b>Google</b>	<b>Fall 2015</b>
<ul style="list-style-type: none"><li>• 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.</li></ul>		

### LEADERSHIP AND PROJECTS

<b>Creator</b>	Stock Cookie	Small website to practice web skills and provide a simple way to follow stocks.
<b>PM</b>	Hubly Maps	Project manager of a website which displays location of reactions to news.
<b>Lead Dev</b>	Hubly Events	Elected leader to create a website for students to announce campus events.
<b>Founder</b>	Computer Science Club	Created high school's first CS club, coordinated recruiting, administration, Android development, and campaigned to gain district support.
<b>VP Captain</b>	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, mySQL, Android, App Engine, Wordpress.
- UI/UX design to provide unified experiences across mobile, desktop, and web.
- HTML5, CSS3 with an eye for typography, content layout, color and device compatibility.