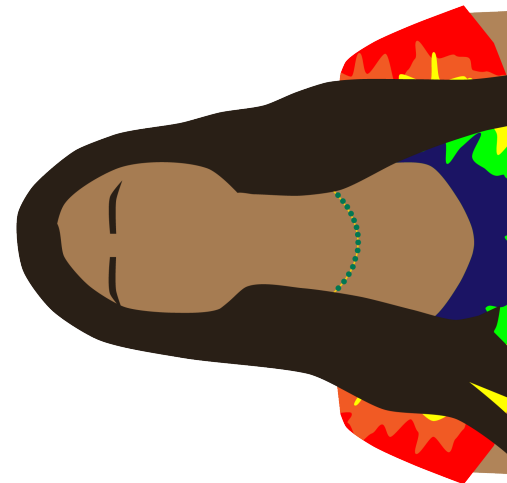


# Mariana Meirelles



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## Work History

*Software Engineering & Embedded Systems Intern, Treeline Interactive: September 2017-Present*

Work in Treeline's IoT labs writing bash, Python, and PHP scripts to automate processes for clients and prototyping products at small scale using RabbitMQ.

*Graphic Design & Research Intern, DesignLab at UCSD: March 2017-Present*

Assist the Lab Creative with projects including CSS styling of the Design Forward Alliance San Diego Design map (accessible at <http://sandiegodesignmap.com/#/>) & creating promotional materials for the Design@Large speaker series.

*Instructor at iDTech Camps: June 2017- August 2017*

Taught Coding 101 (JS, HTML/CSS), Intro to Java Coding: Modding with Minecraft & Forge, & Mobile Game Design for iPhone & Android (Stencyl) to children ages 9-13. Prepared lesson plans & taught classes with up to eight students, creating custom lessons based on student interests. An example of a custom teaching tool I made can be found at: <https://codepen.io/marisdu/>

*Web Engineering Intern, TECHCET, San Diego: September 2015 - August 2017*

Designed promotional materials such as email campaigns for reaching hundreds of customers, website content, and web graphics. Managed all three WordPress websites & assisted in bi-annual conference planning and execution by designing promotional materials and maintaining communication with speakers all over the world to ensure conference success.

## Education

University of California San Diego: B.S. Mathematics & Computer Science, 2018

## Skills

C, ARM, Java, JS, HTML/CSS, Git, PHP, Python, Ruby on Rails, Photoshop, Illustrator, InDesign, WordPress, Portuguese & Italian language

## Course Work

Basic Data Structures & Object Oriented Design (Java, C/C++) (UCSD)  
Computer Organization & Systems Programming (C/SPARC/ARM) (UCSD)  
Intro to Computer Science & Object-Oriented Programming: Java (UCSD)  
Entrepreneurship & Microsystems (UCSD)  
Computer Security (Università di Bologna, Language: Italian)  
Software Engineering & Agile Dev. (Università di Bologna, Language: Italian)

## Volunteer Work

*Design Analyst, Brazilian Student Association: July 2015-May 2016*

Created content for BRASA's social media accounts and email campaigns. Created Snapchat Geofilters used by attendees at conferences and designed conference promotional materials.

*Expanding Your Horizons Mentor: March 2015 - Present (Annual Event)*

Lead group activities and mentor young girls at annual San Diego non-profit conference that encourages young girls to pursue an education in STEM fields.