

# Valentina Cano

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## Education

### Brown University

#### Computer Science B.A., Development Studies B.A.

Providence, RI. Graduation: December 2019

GPA: 4.0 / 4.0

Coursework:

- Data Fluency, Discrete Structures & Probability, Linear Algebra, Computer Systems, Designing Humanity Centered Robots, User Interfaces and User Experience, Algorithms & Data Structures
- Methods in Development Research, Sociology of Development, Anthropology and International Development, Development Economics, Intermediate Microeconomics

## Skills & Interests

**Technical:** Python, SQL, Java, R, HTML/CSS, C, Git

**Languages:** Spanish and English (native), Portuguese (intermediate)

**Interests:** International development focusing on Latin America, human-computer interaction focusing on mental health, playing Afro-Brazilian drums, spoken word poetry

## Projects

**Anxi:** Mental health intervention with a pulse sensor, mood light orb, and emergency-button watch that promotes mindfulness and provides help for anxiety disorders (Arduino, Python, 3D printing, laser cutting)

**Autocorrect:** Word-suggesting engine with underlying prefix tree implementation (Java)

**Shell:** UNIX shell with built-in commands, I/O redirection, signal processing, and foreground/background job control (C)

## Leadership

### Project LETS Peer Mental Health Advocate

Providence, RI. January–December 2019

- Completed an extensive training on disability rights history and trauma-informed tools and resources, and provided advocacy services and support to students living with mental illness at Brown

### Mosaic+ Mentorship Program Mentor

Providence, RI. January 2016–December 2018

- Met biweekly with mentees for one-on-one mentorship with a student-run organization which aims to make the Computer Science department a more inclusive space for underrepresented minorities

### Brown Entrepreneurship Program Director of Special Events

Providence, RI. December 2015–September 2016

- Led team which organizes club's largest, campus-wide events: Startup@Brown conference, San Francisco Summer Fellowship, East Coast Startup visit trips, and speaker series
- Met with focus groups and wrote the first draft of the Diversity and Inclusion Plan for Brown's new Nelson Entrepreneurship Center

## Work

### Disney Streaming Services Associate Data Analyst

New York City, NY. January 2020–present

- Incoming Associate Data Analyst in the Disney+ Analytics team

### Facebook Data Science Intern

Seattle, WA. May–August 2018

- Analyzed the Facebook Groups invites ecosystem, by developing SQL queries, creating data visualizations, and preparing reports for the Groups team, focusing on country level analyses and the differences between Machine Learning driven and organic invites
- Performed calculations for A/B testing experiments aimed at measuring the outcomes of different design strategies

### Facebook Data Science Intern, Facebook University for Analytics

Menlo Park, CA. June–August 2016

- 1 of 10 participants in the first class of the FBU Analytics program
- Analyzed effects of data policy change on user engagement and growth, mining 480 PB of data by developing SQL queries, and building Python pipelines to automate data extraction
- Diagnosed 4 main areas of opportunity to improve Facebook's growth strategy, focusing on privacy concerns in Europe

### Brown University Computer Science Teaching Assistant

Providence, RI. August–December 2015

- Assisted in teaching 350+ students the fundamentals of Java, in Prof. Andries van Dam's course CS15: Introduction to Object-Oriented Programming & Computer Science, dedicating 15+ hours a week
- Held 4 office hours per week to debug and assist in assignments, led 10 lab sessions, created slides and content for 4 lectures, designed homework rubrics, and graded 100+ projects

### SKU Logistics Software Engineering Intern

Caracas, Venezuela. June–July 2015

- Designed and built a prototype, and worked on initial implementation phase, of a new application that aims to improve the distribution and routing experience of small distributors in Latin America by visualizing key components of enterprise supply chain management software

## Research

### Development Studies Independent Research Project

Providence, RI; Caracas, Venezuela. June–December 2019

- Conducted research, under the mentorship of Prof. Keisha-Khan Perry at Brown's Africana Studies department, on the history of denial of racism in Venezuela, and the effects of race discourse in Venezuelan politics during the last 20 years

### Brown Human-Computer Interaction Lab Research Assistant

Providence, RI. January–June 2018

- Worked with Prof. Jeff Huang on Sochiatrist, a mental health informatics project which analyzes social media data to predict trends in mood and behavior, funded by the National Institute of Health
- Implemented improvements on social media data extractor in Python, in close collaboration with the Rhode Island Hospital