Valentina Cano

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Education

Brown University
Computer Science B.A., Development Studies B.A.
Providence, RI.   Expected Graduation: December 2019
GPA: 4.0 / 4.0
Coursework:
- Discrete Structures & Probability, Statistical Inference, Linear Algebra, Computer Systems, Designing Humanity Centered Robots, User Interfaces and User Experience, Algorithms & Data Structures
- Economic Development in Latin America, Methods in Development Research, Sociology of Development, Anthropology and International Development, Development Economics, Intermediate Microeconomics

Leadership

Nelson Center for Entrepreneurship
Diversity and Inclusion Committee *Member*
Providence, RI.   January–June 2018
- Met with focus groups and wrote the first draft of the Pathways to Diversity and Inclusion Action Plan (DIAP) for Brown University's new Entrepreneurship Center

Mosaic+ Computer Science Diversity Mentorship Program *Mentor*
Providence, RI.   January 2016–present
- Meet biweekly with mentees to provide one-on-one mentorship and support with a student-run organization which aims to make the CS 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

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)

Skills & Interests

Programming: Java, Python, C, HTML/CSS, Javascript, SQL, Arduino, Git, Rhinoceros (3D CAD), Illustrator

Languages: Spanish and English (bilingual)

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

Work

Facebook *Data Science Intern*
Seattle, WA.   May–August 2018
- Analyzed the Facebook Groups invites ecosystem, by developing SQL queries and preparing presentations and 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

SKU Logistics *Business Development Intern*
New York City, NY; Caracas, Venezuela.   May–July 2017
- Evaluated how SKU Logistics can break into supply chain logistics for the 3D printing market in Latin America
- Created a business plan and presentation for executive team that included financial projections, analysis of potential partners, and customer analytics, to use as foundation to open the company's 3D printing division in late 2017

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 for 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 extraction of data
- 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 the course Introduction to Object Oriented Programming and Computer Science (CS15), 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 a prototype for an application which aims to improve the routing and distribution experience of small distributors across Latin America
- Implemented the initial phase of this software in Java with a team of 4 engineers

Research

Group Independent Study Project *Organizer and Member*
Providence, RI; Caracas, Venezuela.   February 2018–present
History of Venezuela: Politics, Culture, and Society
- Created with a group of 4 Venezuelan students an independent study which aims to study Venezuelan history with an interdisciplinary approach, sponsored by the Center for Latin American and Caribbean Studies at Brown University

Brown University Computer Science *Research Assistant*
Providence, RI.   January–June 2018
Human Computer Interaction Group, Sociatrist project, prof. Jeff Huang
- Worked on a mental health informatics project which analyzes social media data to predict trends in mood and behavior, is funded by the National Institute of Health, and is in close collaboration with the Rhode Island Hospital