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, 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

Leadership

Project LETS Peer Mental Health Advocate
Providence, RI.   January 2019–present

– Completed an extensive training on disability rights history, and trauma-informed tools and resources to provide advocacy services and peer mental health support on campus

Mosaic+ Mentorship Program Mentor
Providence, RI.   January 2016–December 2018

– Met biweekly with mentees to provide 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

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

Technical: Java, Python, C, HTML/CSS, Javascript, SQL, Arduino, Git, Rhinoceros 3D CAD, Tableau, Illustrator
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

Work

Facebook Data Science Intern
Seattle, WA.   May–August 2018

– Analyzed the Facebook Groups invites ecosystem, by developing SQL queries, creating data visualizations, 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

– Created a business plan for executive team that included financial projections, analysis of potential partners, and customer analytics, to use as foundation to evaluate how SKU Logistics can break into supply chain logistics for the 3D printing market in Latin America

Facebook Data Science Intern
Menlo Park, CA.   June–August 2016

– 1 of 10 participants in the first class of the Facebook University 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–August 2015

– Designed a prototype for an application which aims to improve the routing and distribution experience of small distributors across Latin America and implemented the initial phase in Java

Research

Development Studies Independent Study Project
Providence, RI; Caracas, Venezuela.   June 2019–present

– Conduct research in Venezuela on the effects of race and gender in the political process of Venezuela in the past 20 years, under the mentorship of Prof. Perry in the Africana Studies department

Human Computer Interaction Lab Research Assistant
Providence, RI.   January–June 2018

– Worked with Prof. 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