

Valentina Cano

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EDUCATION

Brown University

Computer Science B.A.

Development Studies B.A.

GPA: 4.0 / 4.0

Expected: December 2019

COURSEWORK:

Designing Humanity Centered Robots
Computer Systems

User Interfaces and User Experience

Discrete Structures & Probability

Linear Algebra

Algorithms & Data Structures

Methods in Development Research

Sociology and Anthropology of Development

Development and the International Economy

SELECT 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, signal processing, I/O redirection, and job control (**C**)

SKILLS

Programming:

Java, Python, C, HTML/CSS, SQL, Arduino, Git

Design:

Axure (wireframing), Illustrator, Rhinoceros (3D CAD)

Languages:

Spanish and English (bilingual)

INTERESTS:

International development focusing on Latin America, intersectional mental health, human-computer interaction, education technology, hiking in Venezuela, playing Afro-Brazilian drums

EXPERIENCE

Facebook

June - August 2018 | Seattle, WA

Incoming Data Science Intern

Brown University Computer Science

January 2018 - present | Providence, RI

Research Assistant

Human Computer Interaction group, Sochiatrist project

- Work in the HCI group run by Prof. Jeff Huang, on the Sochiatrist project which predicts mental health issues from naturally-occurring social data

SKU Logistics

May - July 2017 | Caracas, Venezuela; New York City, NY

Business Development Intern

- Analyzed how SKU Logistics can break into supply chain logistics for the 3D printing market
- 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 SKU Logistics 3D printing division in late 2017

Facebook

June - August 2016 | Menlo Park, CA

Data Science Intern

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, building **Python** pipelines to automate extraction of 2 months of historic data and using Facebook's big data tools, such as Presto and Apache Hive
- Diagnosed 4 main areas of opportunity for data scientists, product managers and designers to improve Facebook's growth strategy, focusing on privacy concerns

Brown University Computer Science

August - December 2015 | Providence, RI

Teaching Assistant

Course: Introduction to Object Oriented Programming (CS15)

- Taught over 350 students the fundamentals of **Java**, 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 rubric and graded 100+ projects

SKU Logistics

June - July 2015 | Caracas, Venezuela

Software Engineering & Product Design Intern

- Designed and built web prototype in **Axure** of a new route & territory planning software that improves the routing and distribution experience of small distributors across Latin America
- Worked with a team of 4 engineers on initial implementation phase of this software in **Java**

LEADERSHIP

Nav Talent Associate

October 2017 - present

Interview 2+ Brown/RISD peers a week to connect them with companies inside Navtalent's technical recruiting platform

1790 Media International Editor & Writer

January 2017 - present

Write and edit articles about global entrepreneurship and innovation, focusing on contributions by underrepresented minority students

Brown Entrepreneurship Program Director of Special Events

January - Sept 2016

Led team which organizes club's largest, campus-wide events: Startup@Brown conference, San Francisco Summer Fellowship, East Coast Startup visit trips and speakers

Mosaic+ Computer Science Diversity Program Mentor

December 2015 -present

