

# Valentina Cano

Interested in technology's impact on education, health and the developing world

401. 368.1864  
valentina\_cano@brown.edu  
canovalentina.github.io  
linkedin.com/in/valentinacano/

## EDUCATION

### Brown University Class of 2019

Providence, RI

GPA: 4.0 / 4.0

### Computer Science B.A.

### Development Studies B.A.

#### Relevant Courses:

Humanity-Centered Robots (CS1951C, current)  
Computer Systems (CS33)  
Linear Algebra (MATH52)  
User Interfaces and User Experience (CS1300)  
Discrete Structures & Probability (CS22)  
Algorithms & Data Structures (CS16)  
Object-Oriented Programming (CS15)

#### SELECT COURSEWORK PROJECTS:

- **Shell:** Implemented UNIX shell with built-in commands, I/O redirection, signal processing & foreground/background job control (C)
- **Malloc:** Wrote dynamic memory allocation process with a first-fit explicit free list strategy (C)
- **Autocorrect:** Developed a word-suggesting engine with underlying prefix tree implementation (Java)

### Cristo Rey School Class of 2014

Caracas, Venezuela

GPA: 4.0 / 4.0

Valedictorian, Best Student Municipal Award

## SKILLS

Programming: Java, Python, C, SQL, HTML/CSS, Git

Design & Prototyping: Axure, Adobe Illustrator

Languages: Bilingual (Spanish and English)

Interests: International development focusing on Latin America, education technology, UX design, 3D printing, hiking in Venezuela and Colombia, playing Afro-Brazilian drums.

## EXPERIENCE

### SKU Logistics 3DP Business Development Intern May - July 2017 | Caracas, Venezuela

- Analyzed how SKU Logistics can break into supply chain logistics for the 3D printing market
- Devised a business plan and presentation for executive team, with costs, partners, viability, adoption rate and main customers, which SKU will use as foundation to open its 3D printing division in late 2017

### Facebook Data Science Intern June - Aug 2016 | Menlo Park, CA

- 1 of 10 participants in the first class of the Facebook University for Analytics program
- Mined 480 PB of Hive and Presto data using SQL queries, and proprietary big data tools
- Developed a Python pipeline to automate extraction of 2 months of historic data
- Created Tableau data visualizations to analyze effects of privacy and data policy change on users
- Diagnosed 4 main areas of opportunity and presented recommendations for data scientists, product managers and UX designers, to improve Facebook's growth strategy focusing on privacy concerns

### Google Code U Mentorship Program Participant March - April 2016

- Selected to participate in Google's invite-only technical development program
- Completed Java algorithms & data structures technical exercises; met biweekly with Google engineer

### Brown Computer Science Teaching Assistant Aug - Dec 2015 | Providence, RI

- 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 Software Engineering & Design Intern June - July 2015 | Caracas, Venezuela

- Designed and built web prototype in Axure of a new route & territory planning software aimed to improve 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

### 1790 Media International Editor & Writer Jan 2017 - present

- Write and edit articles about global entrepreneurship and innovation for an online media company, focusing on contributions by underrepresented minority, female, and liberal arts students

### Brown Entrepreneurship Program Director of Special Events Dec 2015 - Sept 2016

- Managed and led team which organizes club's largest, campus-wide events
- Organized Startup@Brown, a day-long conference that brings together 18 startups and 300+ Brown and RISD students through an open fair, workshops, student panel, and speakers
- Led 45-student San Francisco Summer Fellowship with visits to 6 companies, alumni events & mixers
- Coordinated startup visit trips to 10+ companies in New York, Boston, and Providence for 30 students
- Planned Speaker Series focused on entrepreneurship and tech (e.g. the founder of Palantir)

### Mosaic+ Computer Science Mentorship Program Mentor Dec 2015 - Sept 2016

- Met biweekly with two mentees to provide one-on-one mentorship and support with an organization which aims to make the CS department a more inclusive space for underrepresented racial minorities

### Brown International Scholarship Committee Projects team Jan 2015 - May 2016

- Provided grants, educational support, and events for 5 select students to showcase and pursue a variety of projects (art, food, apps) with international outreach

