

# Valentina Cano

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

401. 368.1864

valentina\_cano@brown.edu

canovalentina.github.io

linkedin.com/in/valentinacano/

## EDUCATION

### **Brown University** Class of 2018

GPA: 4.0

Computer Science A.B

Development Studies A.B.

#### **Relevant Courses:**

Designing Humanity Centered Robots (current),

Computer Systems,

Linear Algebra,

User Interfaces and User Experience,

Discrete Structures & Probability,

Algorithms & Data Structures.

Anthropology and Global Social Problems (current),

Sociology of Development,

Globalization and Social Conflict,.

### **Cristo Rey High School** Class of 2014

Caracas, Venezuela

GPA: 3.9

Valedictorian, Best Student Municipal Award

#### **SELECT COURSEWORK PROJECTS:**

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

## SKILLS

Java, Python, C, HTML/CSS, SQL

Git, Tableau, Axure, Adobe Illustrator

Fluent in Spanish and English

## EXPERIENCE

### **Facebook Data Science Intern**

June - August 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 data visualizations to analyze the effects of privacy concerns and data policy change on user growth, engagement and retention
- Diagnosed 4 main areas of opportunity to improve Growth strategy and presented recommendations for data scientists, UX designers and product managers

### **Brown Computer Science Teaching Assistant**

August - December 2015 | Providence, RI

#### **Course: Introduction to Object Oriented Programming (CS15)**

- Taught over 350 students the fundamentals of Java, dedicating 15+ hours a week
- Held office hours to debug and assist in assignments; led 10 lab sessions
- Created slides and content for 4 lectures; designed, developed, and graded projects.

### **Google Code U Mentorship Program Participant**

March- April 2016 | Virtual

- Selected to participate in Google's invite-only technical development program
- Met biweekly with a Google engineer to discuss culture and industry experience
- Completed 4 Java algorithms & data structures technical exercises

### **SKU Logistics Software Engineering Intern**

June - July 2015 | Caracas, Venezuela

- Designed and built web prototype in Axure and worked on initial implementation phase of a new Latin America route & territory planning supply chain management software

## LEADERSHIP

### **Brown Entrepreneurship Program Director of Special Events**

Led team which organized club's largest, campus-wide events:

- **Startup@Brown**, a day-long conference that brings together 18 startups and over 300 Brown and RISD students through an open fair, workshops, student panel, and speakers
- **San Francisco Summer Fellowship** with visits to companies, Alumni events, and mixers
- **Startup visit trips** to New York, Boston and Providence
- **Speaker Series** focused on entrepreneurship and tech

### **Mosaic+ Computer Science Mentorship Program Mentor**

- Met with two mentees to provide one-on-one mentorship and support with an organization which aims to foster community for underrepresented racial minorities in the CS department

### **Brown International Scholarship Committee Projects team**

- Member of a team which provides grants, educational support, and events for select students to showcase and pursue a variety of projects with international outreach

