

# Valentina Cano

Interested in technology's impact on the developing world

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## EDUCATION

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

GPA: 4.0

Computer Science A.B

Development Studies A.B.

#### **Relevant Courses:**

Programming Languages (current)  
Statistical Inference (current),  
Computer Systems, UX Design,  
Discrete Structures & Probability,  
Linear Algebra,  
Algorithms & Data Structures.  
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 using a first-fit explicit free list strategy.
- **Autocorrect:** Word-suggesting engine built in Java with underlying prefix tree (trie)

## SKILLS

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Java, Python, C, HTML/CSS/JS

Git, SQL, Tableau, Axure, Adobe Illustrator

*Fluent in Spanish and English*

## EXPERIENCE

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### **Facebook Data Science Intern**

June - August 2016 | Menlo Park, CA

1 of 10 participants in 1st class of Facebook University for Analytics diversity program

- Mined over 300 pb of Hive and Presto data using SQL queries
- 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 and presented recommendations to data scientists, UX designers and product managers to improve Growth strategy

### **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 assignments; created slides and content for 4 lectures
- Led 10 lab sessions; 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 and mobile prototype in Axure for a new Latin America route & territory planning supply chain management software platform

## COMMUNITY & LEADERSHIP

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

Lead team which organizes club's largest, campus-wide events:

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

### **Mosaic+ Computer Science Diversity Initiative Mentor**

- Meet with two mentees to provide one-on-one mentorship and support with a group that aims to foster community for underrepresented racial minorities in the CS department

### **Brown International Scholarship Committee**

- Build and manage website, using Bootstrap, HTML, CSS
- Provide grants, educational support, and events for select students to showcase and pursue a variety of projects with international outreach

