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 2019

Providence, RI

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: 4.0

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 Photoshop & Ilustrator

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

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