

## EDUCATION

### Brown University

Computer Science B.A.

Development Studies B.A.

GPA: 4.0 / 4.0

Expected Graduation: December 2019

### COURSEWORK:

Designing Humanity Centered Robots

Computer Systems

User Interfaces and User Experience

Discrete Structures & Probability

Linear Algebra

Statistical Inference

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

Java, Python, C, HTML/CSS, Javascript, SQL, Arduino, Git, Rhinoceros (3D CAD), Illustrator

### Languages:

Spanish and English (bilingual)

### INTERESTS:

International development focusing on Latin America, human-computer interaction focusing on mental health and education technology, playing Afro-Brazilian drums

## EXPERIENCE

### Facebook

May - August 2018 | Seattle, WA

#### Data Science Intern

- Summer intern for the Facebook Groups team

### Brown University Computer Science Research Assistant

January 2018 - present | Providence, RI

Human Computer Interaction group, Sochiatrist project, prof. Jeff Huang

- Work in the HCI group, on Sochiatrist, an NIH funded mental health informatics project that analyzes social media data to predict trends in mood and behavior
- Implement improvements on the social media data extractor, built in **Python**, working closely with teams at the Rhode Island Hospital

### 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 to improve Facebook's growth strategy, focusing on privacy concerns in Europe

### 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 Intern

- Designed and built web prototype 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

September 2017 - May 2018

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

### 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+ at Brown Computer Science Mentor

January 2016 - December 2017

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