# Valentina Cano

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### **Work Experience**

### **eSource Capital**

#### Software Developer

### Madrid, Spain. May 2024-present

- Designed and implemented cloud-native applications for clients in banking, legal, pharmaceutical, and SaaS industries using Flask, FastAPI, and Google Cloud Platform (Vertex AI, Cloud Storage, Cloud Run, Cloud Scheduler)
- Developed a credit memo processing system utilizing the Gemini LLM for multi-modal data extraction in Python
- Built chatbots for Human Capital departments, and enhanced their functionality by writing webhooks for processing Dialogflow output, and creating REST APIs for efficient data retrieval (e.g., from Atlassian Confluence spaces)

#### Product Analyst, ToogleBox

#### Caracas, Venezuela. October 2023-April 2024

- Led CRM and dashboard migration, ensuring data integrity via multi-step cleansing (deduplication, standardization)
- Redesigned ToogleBox homepage for user-friendliness, leveraging data-driven design principles and user behavior analytics, and implementing an interactive mock-up of the new homepage

#### The Walt Disney Company

#### Data Analyst, Disney+ EMEA Content

#### London, UK. September 2021-August 2023

- Built new Python-based performance projection framework to optimize merchandising and marketing decisions
- Engineered a data pipeline using Databricks, Snowflake SQL, and Google Sheets to automate data extraction and table creation, enabling data integration with finance teams and reducing weekly analysis time by 10+ hours
- Developed a suite of interactive dashboards in Looker to enhance cross-team collaboration and efficiency, and deliver granular insights into Disney+ content performance

#### Associate Data Analyst, Disney+ Product Personalization

#### New York City, USA. January 2020–August 2021

- Implemented A/B testing analysis using Python and Jupyter notebooks to evaluate personalization product releases
- Automated daily KPI monitoring system in Looker for user-to-item and item-to-item recommendation algorithms
- Translated complex algorithms into actionable insights reports for non-technical stakeholders, focusing on homepage engagement

#### Meta

#### Data Science Intern, Facebook Groups

#### Seattle, USA. May-August 2018

- Analyzed Groups invite effectiveness, comparing ML-driven and organic approaches, using SQL and visualizations
- Calculated A/B test results to evaluate the efficiency of various design strategies for Groups invites

#### Data Science Intern, Facebook University for Analytics

#### Menlo Park, USA. June-August 2016

- 1 of 10 participants in 1st class of FBU Analytics, a program focused on underrepresented minorities in tech
- Examined GDPR's impact on user engagement and proposed growth opportunities, using SQL and Python

#### **Brown University Computer Science**

### Research Assistant, Human Computer Interaction Lab

#### Providence, USA. January-June 2018

- Contributed to Prof. Huang's NIH-funded Sochiatrist project, predicting mood and behavior trends with social data
- Implemented fixes in Python for social media data extractor, improving data accuracy

## Teaching Assistant, Introduction to Object-Oriented Programming Providence, USA. August-December 2015

- Assisted in teaching 350+ students OOP and Java fundamentals for Prof. van Dam's CS15 course
- Held weekly office hours, led lab sessions, crafted lecture content, designed homework, and graded 100+ projects

#### **Education**

### **Georgia Institute of Technology**

Master of Science in Computer Science (online, part-time)

Courses: Software Development Process

#### **Brown University**

Providence, USA. December 2019

Start date: August 2024

### Computer Science & International Development Studies, B.A.

4.0/4.0 GPA

 Relevant courses: Introduction to OOP & Java, Algorithms & Data Structures, Computer Systems, Discrete Structures & Probability, Linear Algebra, User Interface Design

### Skills

- Languages: Spanish and English (bilingual), Portuguese (beginner)
- Technical: Java, Python, SQL, HTML/CSS, Git, Docker
- Other: Google Cloud Platform (GCP), data visualization (Looker, Tableau, matplotlib), Databricks