

# Valentina Cano

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## Work Experience

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### eSource Capital

#### Software Developer

Madrid, Spain. May 2024–present

- Engineered scalable applications for clients across 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 leveraging Gemini APIs for multi-modal data extraction
- 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

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### Georgia Institute of Technology

Start date: August 2024

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

- Courses: Software Development Process

### Brown University

Providence, USA. December 2019

#### 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

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- **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