Valentina Cano

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Work Experience

eSource Capital

Software Engineer   **Barcelona, Spain. May 2024–present**
- Architected and deployed cloud-native applications for clients in banking, legal, pharma, and Saas industries using Flask, FastAPI, Google Cloud Platform tools, and microservices architecture to ensure scalability and maintainability
- Engineered a Python-based credit memo processing system with Gemini LLM for multi-modal data extraction, significantly enhancing data accuracy and reducing manual processing time from hours to minutes
- Developed intelligent chatbots for HR departments, integrating Python webhooks to enhance responses and creating REST APIs for dynamic data retrieval (e.g., from Atlassian Confluence), improving operational efficiency

Product Analyst, ToogleBox   **Caracas, Venezuela. October 2023–April 2024**
- Led the ToogleBox web app redesign, applying user behavior analytics and data-driven UI/UX design principles
- Collaborated with engineers to translate feedback into development requirements and create interactive mock-ups

The Walt Disney Company

Data Analyst, Disney+ EMEA Content   **London, UK. September 2021–August 2023**
- Automated a data pipeline using Databricks, Snowflake SQL, and Google Sheets, to integrate data across product and finance teams and reduce weekly analysis time by 10+ hours
- Designed and implemented new Python-based performance projection framework to optimize marketing decisions
- Built interactive Looker dashboards to provide content insights, boosting cross-team collaboration and productivity

Associate Data Analyst, Disney+ Product Personalization   **New York City, USA. January 2020–August 2021**
- Implemented A/B testing frameworks in Python and automated daily KPI monitoring system in Looker, to evaluate recommendation algorithm updates and their impact on homepage engagement
- Translated complex algorithms into actionable insights reports for non-technical stakeholders

Meta

Data Science Intern, Facebook Groups   **Seattle, USA. May–August 2018**
- Evaluated A/B test results comparing machine learning-driven and organic invite methods, and different UI design strategies in Groups invites, using SQL and visual analytics

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
- Assessed GDPR's impact on user engagement, proposing 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   **August 2024–present**
Master of Science in Computer Science (online, part-time)   **4.0/4.0 GPA**
- *Courses*: Software Development Process (Software Engineering), Video Game Design

Brown University   **Providence, USA. December 2019**
Computer Science & International Development Studies, B.A.   **4.0/4.0 GPA**
- *Relevant courses*: Object-Oriented Programming & Java, Algorithms & Data Structures, Computer Systems, Discrete Structures & Probability, Linear Algebra, User Interface Design

Skills

- **Programming Languages**: Java, Python, SQL, HTML/CSS, familiar with C# and Javascript
- **Frameworks & Tools**: Git/Github, Docker, Android Studio, Unity, Agile/Scrum methodology
- **Cloud:** Google Cloud Platform (Vertex AI, Dialogflow, Cloud Storage, Cloud Run, Cloud Scheduler)
- **Data Tools:** Looker, Snowflake, Databricks
- **Languages**: Spanish (native), English (native), Portuguese (beginner)