

ISAAC VELEZ

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EDUCATION

Columbia University	New York City, USA
Master of Science in Artificial Intelligence, Robotics & Perception Concentration	Dec 2027
Courses: Deep Learning for OR and FE, Computer Vision, Robotics Studio, Natural Language Processing (NLP)	
University of London (LSE)	Lisbon, Paris and Berlin
BSc in Data Science & Business Analytics , First-Class Honors	Jun 2026
Forward College	Lisbon, Paris and Berlin
Bachelor in Social Sciences and Technology in Business Leadership , First-Class Honors	Jun 2026

WORK EXPERIENCE

Vera - LaReponse.Tech	Remote / Paris, France
AI Engineer	Jun 2026 - Present
- Maintained and improved a product with 750,000+ interactions from users in 15+ countries in a 30-person team. - Built a Grok-like AI search/retrieval feature for Instagram: a RAG pipeline retrieving from 500+ fact-checking sources to generate grounded, cited responses for real users.	
Flix SE	Berlin, Germany
Technical Consultant	Sep 2025 - Mar 2026
- Ran a 7-phase design-thinking consulting engagement in a team of 5 for Flix SE's HR function to redesign employee recognition strategy. - Conducted 40 stakeholder interviews, diagnosing inconsistent, overly materialistic, and non-personalized recognition practices across a 7,000+-employee workforce. - Delivered an implementation guide, approved for a Q3 2026 rollout, projected to impact 7,000+ employees across 25+ countries.	
Opplane	Lisbon, Portugal
Data Science Intern	Jun 2025 - Aug 2025
- Engineered an AI Data Steward on OpenMetadata and Google Cloud Platform (GCP), handling automated data governance, lineage tracking, and client queries. - Prototyped an LLM-powered pipeline to categorize transactions, capable of sorting 130M+ bank transactions per quarter.	

PROJECT AND RESEARCH EXPERIENCE

Forward College (Research Affiliation)	Jun 2026 - Present
LLM Judges for Creative-Originality Curation	
Research assistant on a pre-registered study testing whether large-language-model (LLM) judges can recover human judgments of creative originality, evaluating LLMs as raters across tasks including summarization and factuality.	
University of London coursework	Sep 2025 - Apr 2026
ML Analysis of Diabetes-Related Health Outcomes	
- Applied unsupervised learning and classification to CDC's 2024 BRFSS dataset (457,670 US adults); used PCA and K-means clustering to identify a high-risk subgroup with 55% diabetic prevalence. - Trained seven classifiers achieving AUC 0.75-0.81 for diabetes prediction; a gradient-boosting model predicted physical-health burden with $R^2 = 0.45$.	

SKILLS

Programming & Data: Python, R, SQL, JavaScript, Google Cloud Platform (GCP), MongoDB, Flask, Docker, Tableau, Git, Excel.
ML / AI: PyTorch, scikit-learn, XGBoost, pandas, SHAP, RAG pipelines, LangChain, crewAI, Prompt Engineering.
Languages: Spanish (native, C2), English (fluent, C2), Portuguese (A2).

INTERESTS

Competitive Archery, Soccer Goalkeeping, SpeedCubing, Piano & Guitar.