

Boris Gans

Madrid, Spain

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Eligible to sign internship agreement via IE University | Dual Citizenship: United States & The Netherlands

SUMMARY

Analytical and driven computer science and artificial intelligence student with experience contributing to collaborative software and machine learning projects in production environments. Strong foundations in Python, system reliability, and CI/CD practices, with a demonstrated commitment to continuous improvement. Currently seeking part-time internships in Madrid, Amsterdam, or New York, available from June 2026.

EDUCATION

IE UNIVERSITY (IEU)

Madrid, Spain

Bachelor in Computer Science and Artificial Intelligence

Expected: July 2027

- GPA: 8.61/10.00. Ranked 29th among graduating class
- Relevant subjects: Fundamentals of Data Analysis (8.7), Machine Learning Foundations (9.2), Software Development and DevOps

GREENWICH HIGH SCHOOL

Greenwich, CT, USA

High School Diploma

Graduated: June 2023

- GPA: 4.5 / 5.0. Graduated from 21 Honors level courses, including 12 AP's

EXPERIENCE

FERO Smart Checkouts

Madrid, Spain

Junior Software Developer

September 2025 - Present

- Developing FERO's machine learning ecosystem within a highly distributed, microservices-based architecture using Python, scikit-learn, and MLflow, enabling real-time inference for payment optimization and behavioral insights.
- Improving system reliability and deployment efficiency across multiple interconnected services via automated CI/CD pipelines and data consistency validation, in collaboration with engineering and data science teams to ensure scalable and compliant ML operations.

Black Swan Data

London, UK (Remote)

Data Science Intern

September 2019 - August 2022

- Collaborated with colleagues to program an AI driven tool that enables physicians to more easily diagnose rare diseases.
- Independently developed and iterated on the initial versions of a text-labeling interface to support AI model training, using JavaScript and Python.

SKILLS

Tech: Python, JavaScript, Java, C, C++, SQL, Docker, Git, Apache Kafka, MLflow, Grafana, Prometheus, Redis, AWS, Azure, Cloudflare

Languages: Dutch (Native), English (Fluent, 16 years daily use), Spanish (Intermediate)

PROJECTS

Machine Learning: Implemented classification and regression models for mortgage approval and loan amount prediction using scikit-learn, XGBoost, and LightGBM, with a strong focus on merging and validating multiple real-world financial datasets, feature engineering, and model interpretability using SHAP to evaluate approval decisions and loan amount predictions. ([March - May 2025](#))

Software Engineering: Designed and built the backend for an in-progress event planning and discovery platform using a microservices-based architecture, integrating REST and gRPC for inter-service communication, asynchronous messaging via AMQP, Redis for performance optimizations, and scikit-learn for user preference modeling and recommendations. ([February - May 2025](#))

EXTRACURRICULAR ACTIVITIES

Varsity Rower: Rowed 3 hours a day, 6-7 days per week for 10 months out of every year for three years in my Varsity team's top boats. Races Won in the USA: 2x Northeast Youth Championships (2021, 2022), Youth National Regatta (2021), 2x Summer National Championships (2021), Head of the Charles Regatta (2021)

Madrid Marathon Finisher: Completed the 2024 Madrid Marathon as my first-ever competitive running race, following a structured four-month training program.