

Pablo Yague

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EDUCATION

Purdue University

BS Computer Science Honors and Mathematics

- GPA: 3.54 Dean's List and Semester Honors
- Clubs & Societies: Team B01lers CTF and Purdue Hackers

West Lafayette, IN

August 2023 - Present

EXPERIENCE

Work experience

Alhambra Infrastructure Advisors

Summer 2025

- Conducted Data Analytics for an Etihad-affiliated company on 1M+ operational data points to suggest optimizations adding up to >1M\$ capital savings.

Merck Sharp and Dohme (Merck Corporation)

August 2023 – May 2024

- Leading web scraping and collaborated in the development of an unsupervised learning NLP model to generate a database of reports for streamlining preliminary research. Employed Agile methodology.
- Co-developer of a RAG model for summarizing and aggregating data-intensive reports into project papers for upper management employing hallucination-mitigation practices.

Fortinet Spain

July 2022

- Shadowed pre-sale security operations for Telefonica, and BBVA, 2 of Spain's biggest companies.

ALG HR operations

March 2022 – January 2023

- Developed and deployed Excel automation software built on Java Apache POI to optimize HR operations

Comet College Applications Task Manager

March 2022

- Led UI/UX and backend coding project development for a pitch to the direction board

EXTRACURRICULARS

Boilermake XIII Hackathon

March 2025

- Collaborated on Potato Salad, a stock recommender with RAG and FastAPI functionality that combines sentiment and quantitative analysis in one platform.

Annual National Data Mine network research symposium

April 2024

- Presented to corporate representatives and researchers a functional product to streamline preliminary experimental research.

Merck High-Throughput analytics laboratory

March 2024

- Research Assistant and co-presenter in semestral internal national conference

SKILLS

Languages: English (fluent), Spanish (fluent), Catalan (fluent), French (conversational) | **Coding and Data Proficiencies:** C/C++, Java, Python, R, SQL, Cypher (Neo4j), BASH, x86, BeautifulSoup/lxml.