

LEONHARD FRIEDRICH

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PROFESSIONAL SUMMARY

Driven student with a passion for leveraging methods from data science to solve problems in healthcare. Reliable, fast learner with strong critical thinking skills and the will to go the extra mile.

EDUCATION

IE UNIVERSITY

Madrid, Spain

Bachelor in Data and Business Analytics

Expected: July 2023

- GPA: 9.47/10.00. Member of IE Honors Program.
- Relevant subjects with honors distinction: A.I. and Machine Learning, Data Insights and Visualization, Business Management, Advanced Data Structures and Storage, Stream Analytics, Advanced Databases.

THE WOODLANDS PREPARATORY SCHOOL

Houston TX, USA

International Baccalaureate (IB)

Graduated: 2019

- IB Diploma with 38/45 Points. Ranked 1st among graduating class.

RELEVANT EXPERIENCE

Accenture – Applied Intelligence in Health and Life Sciences

Madrid, Spain

Data Science Intern

July 2022 – April 2023

- Built a suite of predictive models related to maternal health, surpassing previously published results.
- Developed a synthetic data generation tool for health records, enabling cross-organizational collaboration.
- Crafted Point of Views on various innovative opportunities of Digital Twins and Large Language Models within the healthcare industry, supported by extensive research.
- Created a dashboard to generate insights on the health impact of climate change and sustainable innovation.
- Developed reinforcement learning framework for optimization of hospital resource allocation.

IE Stork – Student Newspaper

Madrid, Spain

Developer / Data Analyst

September 2020 – February 2022

- Created dashboards and reports to obtain insights on IE Stork website performance.
- Strategized and implemented new features to increase readership such as a news aggregator.
- Adapted Agile SCRUM methodology to improve workflow among team of students.

Arcano Group – Boutique Investment Bank

Madrid, Spain

Participant of IE EconData Lab

January 2020 – June 2020

- Analyzed various economic indicators regarding national demand and real estate sector, creating a report to aid Arcano in predicting course of Spanish economy.

CO-CURRICULAR ACTIVITIES

- **IE University Collaborator:** Coordinating IE University open days and admission events (Madrid, Spain. September 2019 – Present).
- **Representative of Houston Area Model United Nations:** Debated on topics regarding the European refugee crisis as a delegate in MUN Conference (Houston TX, USA. January 2018).

IT SKILLS

- **Programming Languages:** Python, R, SQL.
- **Software Knowledge:** PowerBI, Microsoft Azure (AZ-900 Certification), SPSS, GitHub, Gephi, MS Office.

ADDITIONAL INFORMATION

- **Languages:** German (Native). English (Bilingual). Spanish (Intermediate).
- **Other Courses:** DataCamp: Data Scientist with Python (88 hours, June 2021).
- **Hobbies:** Music production, Calisthenics, Chess.