JOHAN BARREIRO

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PROFESSIONAL SUMMARY

Skilled data analyst with strong record of collecting, analyzing, and generating insights from complex data sets. Proven ability to adapt and excel in dynamic working environments, with a self-starter attitude no matter the size of the project. Strong communication skills, attention to detail, and a talent for building relationships with colleagues and clients.

EDUCATION

IE SCHOOL OF SCIENCES AND TECHNOLOGY **MADRID, SPAIN**
Master of Science in Business Analytics and Big Data SEPT. 2023 – JULY 2024 (EXPECTED)
   - *Courses: Forecasting, Machine Learning, Modern Data Architecture, SQL Based Data Architecture, MLOps*

UNIVERSITY OF MINNESOTA – TWIN CITIES **MINNEAPOLIS, USA**
Bachelor of Arts, double major in Statistics and Strategic Communication SEPT. 2016 – DEC. 2020

RELEVANT EXPERIENCE

AYESA (CONSULTING) **MADRID, SPAIN**
Data Science Intern APRIL 2024 – PRESENT
- Modify proprietary dashboards and deploy changes to AWS to track KPIs of new services offered in ERCOT power grid
- Create simulations to track financial outcomes of various market scenarios using **Cassandra** and **Docker**
- Develop and deploy machine learning and forecasting models for energy demand

UNIVERSITY OF MINNESOTA – OFFICE OF UNDERGRADUATE EDUCATION (HIGHER EDUCATION) **MINNEAPOLIS, USA**
Data Analyst APRIL 2021 – AUG. 2023
- **Developed metric reporting dashboards** to allow data driven decision making across departments resulting in 1000+ views
- Conducted ad hoc analyses of complex data of 30,000+ students to promote academic success initiatives
- Wrote **complex SQL queries** to create comprehensive datasets for analysis and visualization within **Tableau**
- **Created and updated** workflow and technical documentation of specific projects allowing them to be replicated by others
- **Persuaded** stakeholders to use data driven dashboards at the university's student success conference in February 2023
- **Identified** areas of improvement in academic programs and **presented** findings executives across departments
- **Trained 6 student employees** to ensure projects are completed and meet rigorous expectations

Office Assistant JAN. 2017 – APR. 2021
- **Clarified business needs** for multiple analysis project and adapted workflow to better align with stakeholders
- Utilized **interpersonal and communication skills** to answer student questions across disciplines
- Performed review of program offerings to ensure feasibility of timely completion and adherence to university policies

SLEEP NUMBER CORPORATION (RETAIL) **MINNEAPOLIS, USA**
IT Intern JUN. 2019 – AUG. 2019
- Identified an opportunity to improve processes at the organization created physical and software prototypes
- Designed and performed tests to verify statistical validity of improved process
- Prepared and proposed improvements with visualizations to a group of executives with ROI of ~$20,000

MAJOR PROJECTS

- Assembled and cleaned datasets from **disparate sources** for analysis of effectiveness of placement recommendations
- Updated 5 legacy dashboards to Oracle BIEE and added **additional functionality** for in-depth insights

LANGUAGES

English (Native); **Spanish** (Fluent)

TECHNICAL SKILLS

Tableau **|** SQL **|** Python **|** Pandas **|** BitBucket **|** AWS Certified Practitioner **|** TensorFlow **|** Apache Spark

OTHER INFORMATION

IE MASTERS IN BUSINESS ANALYTICS AND BIG DATA COMMUNITY REPRESENTATIVE JAN. 2024 – PRESENT
- Organize engaging extracurricular events for program section to foster a vibrant and inclusive community