Mateo Echeverry Hoyos

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Education

KU Leuven   September 2023 – June 2024
Master's in Artificial Intelligence   *Leuven, Belgium*

École Polytechnique Fédérale de Lausanne   September 2022 – June 2023
Exchange student, Master's in Data Science   *Lausanne, Switzerland*

Universidad Politécnica de Madrid   September 2019 – June 2023
Bachelor's in Computer Engineering   *Madrid, Spain*

Work Experience

Cloud Solutions Architect   February 2024 – Present
Microsoft   *Brussels, Belgium*

- Develop scalable cloud architectures for Data and AI applications.
- Advise companies on optimizing data strategies using Microsoft's cloud services.
- Enhance the integration and performance of cloud-based Data and AI services.

Data Scientist   June 2023 – September 2023
YIO Tecnhonologies   *Madrid, Spain*

- Utilized a pre-existing algorithm to identify opportunities for opening positions in futures assets.
- Optimized the algorithm by determining the best parameters and pinpointing assets where the algorithm showed peak performance.
- Assisted in bot development, integrating the Binance and Bybit API for real-time trading operations.

Research Assistant   January 2023 – June 2023
EPFL, Data Science Lab   *Lausanne, Switzerland*

- Created an interactive blogpost to elucidate the intricacies of recommender systems and the "algorithmic amplification" paradox through visual techniques.
- Assisted in research, contributing to the understanding of recommender systems' functionality and their societal implications.
- Participated in critical discussions about the design, implications, and potential policy interventions related to recommender systems, helping shape future audits and design improvements.

Technical Proficiencies

Programming Languages: Python, Java, SQL, Javascript, R, Matlab, Excel.
Relevant courses: Machine Learning, Applied Data Analysis, Distributed Information Systems.
Associations: Data Analytics Group at EPFL and Competitive Programming Team at UPM.
Languages: Native Spanish and French speaker; C1 Advanced English.