Iñigo de la Maza

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EDUCATION

MBA   Sept. 2018 - Apr. 2020
University of Barcelona-EAE Business School; GPA: 9.1/10   *Barcelona, Spain*
- Master's Thesis on the influence of data on corporate success and value creation
- Relevant coursework: Operations Logistics, Control Management, Managerial Skills, Cost Management

M.Sc. in Industrial Engineering   Sept. 2017 - May 2020
Technical University of Catalonia (UPC); GPA: 9/10   *Barcelona, Spain*
- Master's Thesis at **Massachusetts Institute of Technology (MIT)**: *"Tailoring Systems Pharmacology through Computational Models"*
- Relevant coursework at MIT: Machine Learning Under a Modern Optimization Lens, Introduction to Deep Learning, Data Science applied to Sports Technology

B.Sc. in Industrial Engineering   Sept. 2013 - Aug. 2017
Public University of Navarre (UPNA); GPA: 8.1/10 | Rank: 8/122 (top 6.5%)   *Pamplona, Spain*
- Bachelor's Thesis at the Technical University of Darmstadt (Germany)

PROFESSIONAL EXPERIENCE

Global Alumni   May. 2020 - Present
Instructor   *Cambridge, MA*
- Coordinated coursework for professional-focused Data Science and Analytics course by top-tier US university
- Created course content and assisted students with understanding ML and Big Data concepts and techniques

MIT Clinical Research Center   Feb. 2019 - May. 2020
Research Affiliate   *Cambridge, MA*
- Applied mathematical modeling, computational statistics and ML in cardiovascular-related biomedical projects

Research Center for Biomedical Engineering (CREB) @ UPC   Feb. 2018 - Feb. 2019
Research Scientist   *Barcelona, Spain*
- Led biomechanics research project with industry partners (NISSAN, Meleghy Automotive) about the use of industrial exoskeletons in car manufacturing assembly lines (press coverage: 1,2,3)
- Held roles in project management, budget negotiation, data pipeline implementation and data analysis

RELEVANT PROJECTS/COURSES

Data Science projects	**2019 Data Science Bowl** | **Kaggle** · Prediction of children performance in educational game apps **Automatic event detection in football** · Led team of seven at MIT for the development of a ML-based model for automatic event detection and classification in football (client: international sports association)
Certifications (MOOCs)	**Data Science Professional Certificate** | IBM (9 courses) · Databases and SQL, Python for data analysis, data visualization, and AI **Business and Financial Modeling Specialization** | Wharton, UPenn (5 courses) · Quantitative modeling, modeling risk and realities, model-based decision making **ML & Reinforcement Learning in Finance** | NYU Tandon (4 courses) · Algorithmic trading, Markov Decision Process models, cryptocurrencies
Competitions	**2019 Harvard/MIT Business Case Competition** · Created a strategic business plan for a real client (bioprinting firm) during 2 weeks

SKILLS

Programming	**Python** (Proficient), **SQL** (Advanced), **Julia** (Advanced), **R** (Advanced)
Machine learning	TensorFlow, Keras, PyTorch, Sci-Kit, Google Cloud ML Engine
Big data	Apache Spark, Hadoop, Google Cloud Suite
Data visualization	Tableau, Plotly, D3.js
Languages	**Spanish** (Native), **English** (Fluent), **German** (Advanced), **French** (Medium)