Location: Edinburgh, UK
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METE DIBI

Linkedin: https://www.linkedin.com/in/metedibi/
Portfolio of Projects: metedb.github.io

EDUCATION

University of Edinburgh (UoE), Edinburgh *(September 2023-August 2024)*
• **MSc in Computational Applied Mathematics**: **Distinction Grade (%75.4) (Equivalent to 3.70-4.00 GPA)**
Relevant Coursework: Industrial Mathematics, Computational Modelling, Stochastic Differential Equations, Uncertainty Quantification, Methods for Causal Inference, Numerical Methods for Data, Research Skills, Bayesian Statistics

Bogazici University, Istanbul *(September 2018- June 2023)*
• **BSc in Industrial Engineering** *(Admission requires ranking in the top 0.05% in the National University Admission Exam)* **GPA: 3.56/4.00**
Relevant Coursework: Operations Research, Object Oriented Programming , Systems Science & Simulation, Advanced Probability & Statistics, Mathematical Modelling, Statistical Forecasting and Time Series, Model Validation & Verification
• **Minor Degree in Economics: GPA: 3.75/4.00**
Relevant Coursework: Competitive Analysis, Game Theory, Behavioural Finance, Macroeconomics

Technical University of Munich (TUM) *(April 2021 - August 2021)*
• **Erasmus-Exchange Study**
Relevant Coursework: Machine Learning Methods and Tools, Graphical Models in Statistics

RESEARCH & INDUSTRY EXPERIENCE

Institute of Genetics and Cancer, Edinburgh (2024 May-September)
MSc Thesis Study
• Joint study with UoE School of Mathematics
• Developed efficient simulation algorithms in Python using parallel programming to model mutation accumulation in human DNA
• Implemented statistical estimators to be used in patient cohorts with cancers of unknown origin, identifying whether the cause is due to external or internal factors
• Validated the estimator using simulated data, demonstrating accuracy across various biological scenarios and highlighting specific conditions where performance may decline

Bogazici University, Istanbul (2023 February-June)
Teaching Assistant (IE 306.02)
• Supported the course focused on stochastic processes, queuing theory, discrete event simulations, and statistical analysis for Computer Science students.
• Developed applied, real-world problems for assignments by researching course material, graded assignments, feedback to students
• Managed large datasets, data manipulation and cleaning for assignment preparation

ortak, Istanbul (2022 September-October)
Founder's Team: Strategy Intern
• Worked directly with the CEO and CPO, contributed to the launch of an innovative FinTech platform
• Actively involved in every aspect of the startup, competitor analysis, product roadmap, regulatory design
• Delivered thorough market insights on financial technologies to shape the platform's strategic direction

Insider, Istanbul (2022 January-May)
CEO's Executive Office: Strategy Intern
• Worked directly with the COO and CEO for a MarTech scaleup valued at over $1B. Regularly synthesised insights from complex data analyses, crafting coherent stories and constructing arguments for presentations to C-Suite
• Developed and refined key communication materials including investor updates, board meeting briefs, shareholder gatherings
• Prepared and graded quantitative case studies for candidate assessments across all levels in the strategy department, assisted in interviews

Yemeksepeti, Istanbul *(Delivery Hero Turkish Subsidiary)* (2020 October-November)
System Analyst Intern
• System analysis, requirement gathering, functional design preparation for mobile application development and maintenance
• Backlog grooming activities and agile SCRUM ceremonies

TECHNOLOGIES

Programming Languages: Python, R, SQL, C, Julia

Data Science & Analytical Tools: NumPy, PowerBI, pandas, Sci-Py, scikit-learn, Matplotlib, seaborn, ggplot2, joblib, Plotly

Version Control & Collaboration: Git, G-Suite, Microsoft Office, JIRA

VOLUNTEER EXPERIENCE

University of Edinburgh:
• Participated in two sessions for prospective students of the MSc programme, sharing experiences and insights as programme ambassador
• Featured in video testimonials and promotional content, contributing to outreach efforts

Bogazici University Music Association *(BUMK):*
• Vocals for a band (over 30+ live performances) (2019-2024)
• Founder & Director of Sponsorship Committee (2019-2021)

Bogazici University Radio Club
• Radio Host (2017-2020)

CERTIFICATES & ACHIEVEMENTS

IELTS (2022)
• Band 8.0/9.0

Strategic Management Certificate, LSE Summer School (2018)
• Received A+ Grade, within the top 5% of participants

University Admission Exam (2017)
• Ranked in top 500 in 7 different exams among 2 million candidates
• Awarded Presidential Scholarship for 5 years for outstanding success

Deutsches Sprachdiplom Stufe II, (German Language C1 Advanced Level Certificate) (2017)

High School Admission Exam (2011)
• Ranked in 1st place in Turkey (shared with 350 others) among 1 million candidates