Curriculum Vitae

Muhammet Akif Mıdıllı

**Contact Information**

Bocconi email address: muhammet.midilli@studbocconi.it

**Education**

2022-current Student, MSc ESS, Università Bocconi.

2018-2022 Student, B.Sc. in Computer Science and Engineering, Sabancı University, GPA: 3.98/4.0, Thesis supervisor: Prof. Esra Erdem, VALEDICTORIAN

2018-2022 Student, B.A. in Economics, Sabancı University, GPA: 3.98/4.0, VALEDICTORIAN

2013-2017 Bahçeşehir Science and Math High School, Final grade: 98.53/100

**Awards and Scholarships (in high school or at the university)**

2022 Sakıp Sabancı Honour Award (received as the valedictorian of class 2022)

2022 Bocconi Graduate Merit Award

2022 European Commission - Erasmus Mundus Scholarship

2019 Özgür Proje Research Award (grant for research in social sciences)

2018 Sabancı University Honour Scholarship

**Work Experience**

2021 Research Intern (at Politecnico di Milano, Supervisor: Prof. Nicola Gatti) - designed algorithms in VCG/GSP settings, analyzed the marketing agencies' performances in online auctions, adapted the Microeconomic theories to Artificial Intelligence, investigation over the encoding of NP-hard problems

2020-2022 Research Assistant (at Sabancı University, Prof. Ata Can Bertay, Prof. Esra Erdem) -

designed a computational technique banking on the genetic algorithm, identification of the best subset

of features that can predict the corporate default.The method is based on natural selection, modifying

the existing generation with the help of crossovers and random mutations

**Languages**

English: fluent

French: very good, Italian: good, German: fair, Spanish: fair, Turkish: native

**Computer Skills**

Softwares: Machine Learning libraries (particular focus on Deep Learning and Graph Neural Networks), TensorflowGNN, Pandas, Keras, Scipy, Scikit-learn

Programming languages:

Advanced: Python, C++, C, Java, Stata, Scheme; Intermediate: R, SAS

**Extra Curricular Activities**

2018 AIESEC Volunteer (Craiova/Romania)

2016 5th place in Turkish national Tennis tournament

2014-2016 Model United Nations Administrator (several MUNs in Ankara, Samsun)