

BURAK SAHIN KUCUK

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EDUCATION

Middle East Technical University

Double Major, B.S. in Statistics (cGPA: 3.95/4) and Computer Engineering (cGPA: 3.09/4)

Sep. 2022 – exp. June 2027

Ankara, Türkiye

EXPERIENCE

Ministry of Transport and Infrastructure of Türkiye (UAB T.C.)

Internship

July 2025 – Aug. 2025

Ankara, Türkiye

- Data analytics projects at the Ministry

PROJECTS

metuans.tech | Webapp to Enhance METU Students' Experience at University (BETA) [Website](#)

Jan. 2025

- Extracted course data from METU's public service endpoints using Python, **Selenium**, and **BeautifulSoup**, automated with **GitHub Actions**.
- Cleaned and standardized datasets by removing irrelevant categories and aligning lecture and recitation hours to reflect instructor variations.
- Students no longer have to search for elective courses one by one. And they can download their programs in the background of their choice.

Reports and Visualizations from My Undergraduate Studies [Reports](#) | [Dashboard](#) | [Visualizations](#)

~ 2025

- Created widely shared data visualizations on topics such as students' tendency in elections, university preferences, and academic mobility at METU, reaching tens of thousands on social media.
- Transformed raw data into clear visuals using Python, Excel, Tableau, R, Photoshop, and Figma to highlight trends in education and student behavior.

SKILLS / INTERESTS

Programming: Python, R, SQL, MATLAB, JavaScript

(also completed coursework in C/C++ and Java)

Libraries/Frameworks: NumPy, pandas, matplotlib, Seaborn, scikit-learn, PyTorch, SciPy

Technologies: Figma, Excel, Tableau, LaTeX, Power BI, Visual Studio, Git/GitHub, Adobe Photoshop/Premiere, Next.js

Soft Skills: Communication, Team Management, Predictive Analytics, Presentations, R&D, Digital Design

LICENSES & CERTIFICATIONS

Machine Learning (DeepLearning.AI) [Certificate](#)

September 2024

- Supervised Learning, Unsupervised Learning, Advanced Learning Algorithms, Machine Learning, PyTorch

IBM Data Science Professional Certificate [Certificate](#)

February 2024

- Web Scrapping, Data Science Applications with Python, Machine Learning, Intro. to SQL

HONORS & AWARDS

Dean's List - High Honor (All Semesters)

2023 – ongoing

LEADERSHIP / EXTRACURRICULAR

Visual Media & Management

Spring 2020 – Present

Freelance

Belediye Science High School - METU

- Founded the Philosophy Club, published two magazines, and designed materials printed for BelFen. [Full Portfolio](#)
- Created professional video content and designs for the METU Statistics Department and managed two YouTube channels to cover personal expenses. [STAT Videos](#)