BURAK SAHIN KUCUK

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SUMMARY

A highly motivated sophomore student pursuing a double major in Statistics and Computer Engineering at METU//ODTU. Likes to consider himself as someone who enjoys creating things and presenting them to others. Currently, learning about data science, and software development. Has some practical experience in Python, R, MATLAB and SQL.

EDUCATION

Middle East Technical University   Sep. 2022 – exp. June 2027
Double Major, B.S. in Statistics (cGPA: 3.95/4) and Computer Engineering (cGPA: 3.09/4)   *Ankara, Turkiye*

EXPERIENCE

Ministry of Transport and Infrastructure of Turkiye (UAB T.C.)   July 2025 – Aug. 2025
Internship   *Ankara, Turkiye*
- Upcoming internship

PROJECTS

metuans.tech | Webapp to Enhance METU Students' Experience at University Website   **Jan. 2025**
- Extracted comprehensive course data from METU's lesser known public service endpoints using **Python**, using **Selenium**, **BeautifulSoup** and **GitHub actions** for web automation and parsing.
- Cleaned and standardized datasets by removing irrelevant categories and synchronizing lecture and recitation hours to account for varying instructor planning styles.
- Designed and implemented the entire UI/UX flow of the web application using **Next.js**, **React**, **TypeScript**, and **JavaScript**, with the support of AI-assisted tools to ensure a modern, responsive, and intuitive user experience.

Reports and Visualizations from My Undergraduate Studies Reports | Dashboard | Visualizations   **∼ 2025**
- Created widely shared data visualizations on topics such as student elections, university preferences, and academic mobility at METU, reaching audiences in the tens of thousands across social media.
- Transformed raw data into clear, insightful visuals using tools like Python, MS Excel, Tableau, R and design software to highlight trends in education and student behavior
- **Tools:** *Tableau, Excel, Python, R, Seaborn, NumPy, Matplotlib, pandas*

SKILLS / INTERESTS

Programming: Python, R, SQL, LaTeX, HTML/CSS, MATLAB, JavaScript also courses from CompSci: C, Java
FRW/LIB: NumPy, pandas, matplotlib, Seaborn, ScikitLearn
Technologies: Figma, Excel, Tableau, PowerBI, AlteryX, Visual Studio, Git, GitHub, Adobe Pr-Ps, NextJS
Languages: English (Upper-Intermediate), Turkish (Native)
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)   **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