



MEHMET EMİN BAYRAK

FULLSTACK
DEVELOPER

OBJECTIVE

Recent Computer Science graduate with minors in Business Analytics and Mind & Behavior. Skilled in full-stack development with expertise in Java, React, and C++. Strong background in software development, data analysis, and teamwork, seeking to build impactful solutions as a Full-Stack Developer.

SKILLS

Technical Skills

- **Web Development:**
 - React, Java Spring Boot, HTML, CSS, PHP,
- **Programming Languages:**
 - C++, Java, Python, React
- **Data Science and Engineering:**
 - PostGreSQL, MySQL, SQLite, Python, R, Tableau, PyTorch

Languages: English (Fluent),
Turkish (Native), German (Beginner)

CONTACT

Phone: (+90) 5057208134
Email:
meminbayrak55@gmail.com
LinkedIn:
linkedin.com/in/mehmet-emin-
bayrak
GitHub: github.com/Meminn

PROFESSIONAL EXPERIENCE

Network Specialist Intern

Gelecek Varlık Yönetimi A.Ş. | July 2022 - September 2022

- Designed and simulated the network topology using Packet Tracer.
- Participated in cybersecurity analysis processes.

Commercial Team Member

SUCyber (Cybersecurity Community) | 2021 - 2022

- Created advertisements for events organized by the Sabanci University Cybersecurity Community.

Volunteer

Sabanci University Civil Involvement Projects | January - June 2020

- Engaged with elderly residents in a nursing home, fostering community involvement.

PROJECTS

Vinylbox (Online Store Webpage)

Software Engineering Term Project | February - June 2023

- Built a full-stack web app using **React**, **Java Spring Boot**, and **PostgreSQL**.
- Followed **Agile** methodology with task tracking in **Jira** and version control via **Bitbucket**.

KoçFinans Predicting Probability of Default for Car Loan Applications

Graduation Project | October 2023 - June 2024

- Created a probability of default model for predicting car loan application results.
- Utilized XGBoost and LightGBM for modeling.
- Implemented SHAP, Lime, and Counterfactual explanation methods for model interpretation.

MovieDB

Database Systems Term Project | February - June 2023

- Built a PHP and MySQL-based movie database web application using XAMPP.

Twitter Bot User & Political Tweet Classification

Machine Learning Term Project | March - June 2022

- Developed models to classify Twitter bot accounts and political tweets using logistic regression, decision trees, and neural networks.

Dogecoin Prediction

Data Science Term Project | October 2021 - January 2022

- Analyzed historical Dogecoin data and predicted future closing values using linear regression and neural network regression methods.

THz Communication in Healthcare

Undergraduate Project Course | February - May 2021

- Conducted research on THz Communication technologies and their applications in healthcare.

EDUCATION

Sabanci University, Istanbul

B.Sc. in Computer Science and Engineering (100% Scholarship)

Minors: Business Analytics, Mind & Behavior

GPA: 3.07 / 4.00

September 2019 - June 2024

Aziz Atik Science High School, Samsun

September 2015 - June 2019