# MEHMET EMİN BAYRAK

FRONTEND DEVELOPER

## OBJECTIVE

Recent Computer Science graduate passionate about creating responsive and visually appealing user interfaces. Proficient in React, HTML/CSS, and modern frontend frameworks. Excited to deliver seamless user experiences.

## SKILLS

**Technical Skills**

- **Frontend Development:**
  - **React, JavaScript, HTML5, CSS3, Tailwind CSS**
- **UI/UX Design:**
  - **Figma, Material UI, Bootstrap**
- **APIs:**
  - **RESTful APIs, Axios**
- **Version Control:**
  - **Git, Bitbucket**
- **Programming Languages:**
  - **JavaScript, Java, Python**

**Languages**: English (Professional), Turkish (Native), German (Beginner)

## CONTACT

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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**.
- Utilized Bootstrap library as the frontend framework.

### MovieDB

*Database Systems Term Project |February - June 2023*

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

### 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.

### 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.tion.

### 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*