



MEHMET EMİN BAYRAK

ANDROID DEVELOPER

OBJECTIVE

Recent Computer Science graduate with experience in developing mobile applications using Android Studio and Java. Skilled in building user-friendly Android applications, optimizing performance, and integrating backend services. Eager to deliver innovative mobile solutions.

SKILLS

Technical Skills

- **Mobile Development:**
 - Android Studio, React, Java, XML, Firebase
- **UI/UX Design:**
 - Material Design, Jetpack Components, XML Layouts
- **Backend Integration:**
 - RESTful APIs, SQLite, Room Database, Firebase Realtime Database
- **Version Control:**
 - Git, Bitbucket
- **Programming Languages:**
 - Java, Python, C++
- **Tools:**
 - Postman, Android Virtual Device (AVD)

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.

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