TALHA ESINTI

Programmer

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EDUCATION

Bachelor's Degree
Mathematics Engineering

Istanbul Technical University

2020 - current
Sarıyer,İstanbul
2.76

SKILLS

- JavaScript
- HTML/ CSS
- React/React Native
- Next.js
- REST APIs
- Python
- C/C++
- Object Oriented Programming
- MATLAB
- Git
- Mathematical Modeling

Specializations

- Website Development with React
- Mobile App Development with React Native

Languages

- Turkish (Native)
- English (Full Professional Proficiency)

References

- Asst. Prof. Dr. Sevgi Harman, PhD/harman@itu.edu.tr/ (+90)534 301 09 63

WORK EXPERIENCE

Data Analyst Intern

Quants - Risk Analytics Company

June 2022 - November 2022

- Preparation of datasets for utilization in various data analysis libraries
- Data manipulation using fundamental SQL commands
- Extracting meaningful insights from data at a foundational level

Full Stack Developer/Mobile Developer

Memoria Bilişim ve Medya A.Ş

February 2023 - November 2023 İstanbul

- -React Native Skills: Leveraging my proficiency in React Native, I design user-friendly interfaces and optimize app performance, delivering impressive mobile experiences.
- -API Integration & Data Management: Seamlessly integrating Restful APIs into applications, I optimize data management with backend services to ensure fast and reliable functionality.
- -Performance-Oriented Approach: I prioritize high-performance and quick response times for applications, aiming to provide users with smooth and immersive experiences.
- -User-Friendly UI Design: By focusing on user experience, I design simple and intuitive interfaces, enabling users to easily navigate and interact with the apps.

PROJECTS

Prediction with Neural Network on MATLAB

Creator (School Project)

- Led a Matlab project for comprehensive financial data analysis, featuring data preparation and neural network modeling to forecast exchange rates.
- Demonstrated expertise in algorithmic modeling through a Matlab project, successfully implementing and evaluating a neural network for financial data analysis.

Modern and Dynamic Admin Panel Website for Corporate Governance

Frontend React Developer

December 2023 - current

- Developed a fully responsive web application using the Next.js framework, ensuring a seamless and optimized user experience across various devices. The use of Next.js allowed for efficient server-side rendering and improved performance.
- Engineered a dynamic and customized admin panel tailored to meet the specific needs of the organization. This administrative interface facilitates easy content management, empowering users to update and manage information effortlessly.
- Integrated robust database systems such as PostgreSQL to ensure efficient data management. This integration enables the secure and streamlined processing of the organization's data, contributing to effective decision-making.

- Designed the web application with search engine optimization (SEO) in mind, resulting in improved visibility and ranking on search engine results. Additionally, conducted performance optimizations to provide users with a fast and responsive browsing experience.

Undergraduate Research Intern

Researcher on Istanbul Technical University

June 2022 - November 2022

- Collaborating with two distinguished professors specializing in algebra and discrete mathematics, I led a group of six individuals in a weekly exploration of foundational mathematical concepts in the field of encryption. Our focus extended from basic mathematical principles to specific algebraic subtopics, culminating in extensive studies on the modern encryption method, homomorphic encryption.
- Our objective was twofold: to develop mathematical models pertaining to this subject and to create a Python library for practical application. Simultaneously, we aspired to contribute to the academic community by publishing a scientific paper.
- Unfortunately, due to unforeseen circumstances, the project had to be canceled. Nonetheless, the experience significantly enriched our understanding of homomorphic encryption, fostering a collaborative and intellectually stimulating environment that transcended traditional classroom settings.