

Yunus Emre Çağın

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ynsmr-cgn

Experience

Ministry of National Education

IT Specialist Intern

Tekirdağ, Turkey

July 2024 - August 2024

- Gained hands-on experience in technical tasks such as network management, hardware installation, and software updates.
- Improved teamwork and communication skills by collaborating with both the IT team and staff to provide technical support.
- Observed the discipline and official procedures of working in public institutions, gaining valuable insights into internal hierarchy, formal correspondence, and regular reporting processes.

Project

Cancer Diagnosis with Machine Learning (Naive Bayes)

- Objective: This project aims to compare Bernoulli, Gaussian, and Multinomial Naive Bayes classifiers to predict benign and malignant cancer cases.
- Method and Evaluation: Confusion matrices were used to measure and compare the prediction performance of each classifier.
- Technologies and Tools: Developed in Python, utilizing scikit-learn, matplotlib, and pandas libraries for machine learning and data visualization.

Fen Akademi Mobile Application

- Objective: A mobile application designed to support middle school science education by providing access to course materials, blog posts, and AI.
- Features: User-friendly interface, categorized content for grades, and dynamic content management.
- Technologies and Tools: Developed using Dart and Flutter for cross-platform support, Supabase for backend services, Google Gemini API for AI integration, and Visual Studio Code as the main development environment.

Skills

Programming Languages & Technologies: C#, C++, Java, JavaScript, Python, PHP, Dart, Flutter, HTML5, CSS3, SQL (MySQL, MSSQL)

Software & Development Tools: Visual Studio, Visual Studio Code, PyCharm, Android Studio, TIA Portal (Industrial Automation), Microsoft Office, Cisco Packet Tracer, GNS3

Network & System Administration: Cisco Networking (Routing, Switching, Packet Tracer, GNS3 Simulations), Windows Server (Active Directory, DNS, DHCP, User and Group Management)

Language Proficiency: Turkish (Native), English

Education

Burdur Mehmet Akif Ersoy University

Information Systems and Technologies (GPA: 3.34/4.00)

Burdur, Turkey

July 2022 - Present