Yusuf Okuducu

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GitHub/yusufokuducu

Summary

I am a senior student at Necmettin Erbakan University, Department of Mathematics and Computer Science. I have experience in various programming languages, including Python, C, JavaScript, and Rust. I have developed projects in data science, web development, cybersecurity, and game development. Through various technical events and competitions, I have strengthened my problem-solving and application development skills. I am focused on creating innovative solutions and continuously improving myself.

Certificates

Istanbul Data Science Academy   Remote
Google Cloud Data Analyst Bootcamp

AI BUSINESS SCHOOL/Global AI Hub   Remote
Aygaz Machine Learning Bootcamp

AI BUSINESS SCHOOL/Global AI Hub   Remote
Introduction to Machine Learning

Technical Skills

Programming Languages: Python, C, C#, JavaScript, Rust, GO
Tools and Technologies: Google Cloud Platform, FastAPI, Django, Next.js, SQLite, PostgreSQL, Git, GitHub, Linux, Shell Scripting, Unity
Abilities: Data Analysis, Machine Learning, Data Visualization, SQL, Cybersecurity, API Development & Integration, Game Development

Projects

GitHub Portfolio: GitHub/yusufokuducu
My GitHub account where you can find my various projects.

Personal Website: yusufokuducu.com

Image Editor: A lightweight yet powerful image editing tool with real-time filters, modern dark UI, and intuitive controls for quick image enhancement. *Technologies: Python, CustomTkinter, OpenCV, Pillow*

Network Scanner Suite: Comprehensive network scanning tools including WiFi and Bluetooth scanners with modern GUIs and advanced features. *Technologies: Python, Scapy, CustomTkinter, asyncio*

Health Insurance Cost Predictor: A machine learning project for predicting health insurance costs using advanced data analysis techniques. *Technologies: Python, pandas, scikit-learn, numpy, matplotlib*

Password Generator: A modern and user-friendly interface for generating secure, customizable passwords with advanced entropy measures. *Technologies: Python, CustomTkinter*

BC-EventCard: A blockchain-based, decentralized event ticket creation and management system. *Technologies: React, Solidity, Hardhat, TailwindCSS, Next.js*

Gochat: A real-time chat application developed using Go and WebSockets. *Technologies: Go, WebSocket, JavaScript, HTML, CSS*

Education

Necmettin Erbakan University *(Faculty of Science)*   2021 – Present
Department of Mathematics and Computer Science, 4th year

Adana Middle East College   2018 – 2019
Department of Mathematics