

# Yusuf Okuducu

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## Summary

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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

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<b>Istanbul Data Science Academy</b> <i>Google Cloud Data Analyst Bootcamp</i>	Remote
<b>AI BUSINESS SCHOOL/Global AI Hub</b> <i>Machine Learning Bootcamp</i>	Remote
<b>AI BUSINESS SCHOOL/Global AI Hub</b> <i>Introduction to Machine Learning</i>	Remote

## Technical Skills

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

## Projects

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**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

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<b>Necmettin Erbakan University (Faculty of Science)</b> <i>Department of Mathematics and Computer Science, 4th year</i>	2021 – Present
<b>Adana Middle East College</b> <i>Department of Mathematics</i>	2018 – 2019