DUSAN STOILJKOVIC

PYTHON PROGRAMMER

CONTACT

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P. M. Nenadovica, Paracin 35250

SKILLS

Python

MySQL

HTML

CSS

EDUCATION

Bachelor's (in process)

Technical Faculty

2023 - 2026 Singidunum

2022 - 2023 PMF

High School

Masinsko-elektrotehnicka

2018 - 2022 MES

Elektrotehnicar racunara - Programiranje

LANGUAGES

English   B1 - Oxford

Serbian   Native

PROFILE

Dedicated Software and Data Engineering student at Faculty of Technical Sciences. Passionate about mastering emerging technologies in software development, data science, and IT trends. Actively shaping my career through hands-on projects. Excited about opportunities in Software Engineering, Data Science, Game Development. Let's connect and explore the future of tech together! #SDE #TechEnthusiast

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WORK EXPERIENCE

My projects

Automated Cookie Clicker Bot:

Developed a Python script using Selenium for Chrome automation to optimize gameplay in the Cookie Clicker web-based game. The script dynamically assesses in-game upgrades, making real-time purchase decisions based on current currency balances. Leveraging time-based loops and ChromeOptions, the bot operates seamlessly in the background, showcasing proficiency in web automation and dynamic decision-making.

Weather Alert System using OpenWeatherMap and Twilio:

Implemented a Python script utilizing the OpenWeatherMap API and Twilio for weather forecasting and SMS alerts. The script, upon detecting upcoming rain based on weather data for a specified location, triggers an SMS alert using the Twilio API. The integration of requests library facilitates API requests to OpenWeatherMap, while the Twilio REST API is employed for sending real-time alerts, providing a practical solution for weather monitoring and timely notifications.

Travel Deals Alert System:

Implemented a Python script utilizing Tequila and Sheety APIs for real-time flight and destination data. The `DataManager` class manages destination information, updating codes from a Google Sheet. The `FlightSearch` class checks for affordable flights, sending email alerts via the `NotificationManager` class. This project showcases effective API integration, automated data management, and personalized notification systems for travel enthusiasts.