# MARTINA APOSTOLOSKA

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📍 Skopje

## EDUCATION

**Bachelor of Computer Science and Engineering**
Major: Application of Information Technologies
**FINKI - Skopje**
Graduating - 2025

## SKILLS

Python, Numpy, Pandas, Tkinter
-jupiter notebook, pycharm

Java, Thymeleaf
 - Intelij

Data bases - PostgreSQL, SQL
 - PgAdmin, DBeaver

C++
 - Clion

## LANGUAGE

Macedonian

English

## ABOUT ME

Computer Science student with a strong interest in design, data science, analytics, and data integration. I am actively seeking opportunities to expand my expertise in these areas. Currently, I am engaged in self-learning through platforms like Udemy and edX, focusing on data science, data analytics, and web scraping using Python, numpy, pandas, and tkinter. My goal is to leverage my skills and knowledge to contribute effectively to data-driven projects and further my career in data science and engineering.

## WORK EXPERIENCE

BANZAE · Internship - Hybrid

### Software Engineer

- Developed a responsive sports application using TypeScript, React, and MUI.
- Implemented backend services with Node.js and PostgreSQL.
- Utilized Zod for data validation and type checking.

Innovation Doel · Internship - Online

### Data Science Engineer

- Organized and categorized files using an internal application.
- Conducted data cleaning and preprocessing using pandas and numpy in Jupyter Notebook
- Assisted in preparing data for analysis and reporting.

## EXTRACURRICULAR ACTIVITIES

Learn It Global Hackathon
 - Recycling app to empower individuals to make a positive impact

# PROJECTS

My github profile:
https://github.com/apostoloska21

My figma profile:
https://www.figma.com/@apostoloska21

- **Some of my Java Projects**
  **- Green-Zone**
    About: Recycling and Sustainability website
    Technologies: Java, TypeScript, Vue
    Description: A project developed during a hackathon with my teammate, focusing on promoting recycling and sustainability practices.

    **- Employee Management App**
    About: An application for managing employees and their skills
    Technologies: Java
    Description: This app allows users to add, create, update, or delete employees   and their skills.

- **Some of my Python Projects**
  **- Coffee Machine Simulator**
    About: Simulates the functionality of a coffee machine
    Technologies: Python
    Description: This project allows users to select different types of coffee and handle transactions.

  **- Caesar Cipher**
    About: A program for encoding and decoding messages
    Technologies: Python
    Description: Helps users encode or decode messages using the Caesar Cipher technique.

   **- Quiz Game**
    About: A simple quiz game
    Technologies: Python
    Description: An interactive quiz game where users answer questions.

  **- YouTube Analysis Project**
    About: This project demonstrates an end-to-end data engineering solution .
    Technologies: AWS
    Description: Designed to manage, streamline, and analyze structured and semi-structured YouTube data based on video categories and  trending metrics. The project was executed entirely on AWS to leverage the scalability and flexibility of cloud computing, focusing on efficient data ingestion, transformation, storage, and analysis.

   **- U.S. States Guessing Game**
    About: A game to guess all 50 U.S. states
    Technologies: Python, Turtle, pandas
    Description: An interactive game where players guess the names of U.S. states, with correct guesses displayed on a map.

   **- Stock News**
    About: Tesla Stock Alert & News SMS Bot
    Technologies: Python, Twilio, NewsAPI
    Description: tracks Tesla's stock price and alerts you with the latest price change and relevant news articles if the price fluctuates more than 1%

   **- Pomodoro Timer**
    About: A simple Pomodoro Timer
    Technologies: Python, Tkinter
    Description: A simple Pomodoro Timer built with Python's Tkinter module.