Martucci Giorgio

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EDUCATION

UNICAL, Universita della calabria [Rende, Italy]
Computer Engineering [2020 – 2024]
Cybersecurity [2024 – Present]

SIDE PROJECTS

Codin - Access Management App during COVID-19 *Team of 2 people*
Mobile App Developer *Java, PHP, Python*

- Co-developed and published **Codin**, a mobile app for Android to manage access to venues during the COVID-19 pandemic.
- Monitored and limited the number of people in venues, ensuring social distancing.
- Developed in **Java** for Android with a backend in **PHP** and **Python**.
- Successfully tested and published on the **Google Play Store**.

EventFit - Social Network App
Mobile App Developer *Dart, Flutter, Python*

- Developed and published **EventFit**, a mobile social network app for Android and IOS
- I used **Google Cloud** for data storage and to manage authentication
- Developed in **Python** and using Flusk for backend and i use a Flutter for a frontAnd **Python**.
- Successfully tested and published on the **Google Play Store** and **App store**.

Complete E-commerce with Spring and Angular
Full-Stack Developer *Spring, Angular*

- Developed a complete e-commerce platform using **Spring** for the backend and **Angular** for the frontend.

Deep Learning System for Malware Classification in Android Apps **GitHub Repo**
Developer and Data Scientist *Keras, TensorFlow, Python, Flask, LIME*

- Created a deep learning system for the classification of malware in Android apps.
- GUI with **Flask** for real-time training and evaluation.
- Integrated with **Explainable AI (LIME)** to explain the model's decisions.

EXTRA ACTIVITIES

Participation in Competitive Programming Contests

- I am participating in **SWERC** 2024
- Enhanced skills in **C++**, **Python**, and **Java**.

Participation in CTF (Capture The Flag) Competitions

- Participated in numerous **CTF**, tackling cybersecurity challenges.
- Strengthened skills in **pentesting** and vulnerability analysis.

ADDITIONAL

Skills: Java, Python, C, C++, Go, Flutter
Languages: Italian, English