

Georgios Matziaras

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Education

- BS** **University of Macedonia**, Computer Science Sept 2019 – June 2025
- **Coursework:** Software Engineering, Object Oriented Programming, Cloud Computing
 - **Thesis:** Development of an extendable REST API for access to open data of public services based on the CPSV-AP model


Experience

- University Of Macedonia**, Researcher July 2024 – December 2024
- Integrated a Python data processing script into Apache Airflow for periodic execution.
 - Containerized the application using Docker.
 - Optimized performance by implementing incremental data fetching with caching.
- Technologies Used: Python, Apache Airflow, Docker

Publications

- Using the EU Big Data Test Infrastructure to Publish MITOS Public Service Descriptions as Linked Open Data (short paper)** Sept 2024
- Efthimios Tambouris, Dimitris Zeginis, *Georgios Matziaras et al.*
- ceur-ws.org 

Projects

- Open Eclass Android Client** [Github](#) 
- Developed an alternative Android application for the Open eClass platform, enhancing mobile access to educational materials and course management. Built using Kotlin and modern Android development practices.
 - Technologies Used: MVVM, Jetpack Compose, Room, Retrofit, Hilt
- Homelab**
- Deployed and maintain a couple of servers using Docker and Linux, running services like home automation and local LLM software for family and friends.
 - Technologies Used: Linux, Docker, Wireguard, Keycloak, Traefik

Technologies

Languages: Java, Python, Kotlin, SQL

Technologies: Git, Docker, Linux, Android