

ANDREAS DARSAKLIS

COMPUTER SCIENCE STUDENT

PERSONAL INFO

Currently located in: Diagora 57, 54351 Thessaloniki

Phone Number: +30 698 697 6571

Email: andreasdarsaklis9@gmail.com

LinkedIn: [linkedin.com/in/andreas-darsaklis-741024368](https://www.linkedin.com/in/andreas-darsaklis-741024368)

GitHub: github.com/andreasdarsa

My website: <https://andreasdarsa.github.io/AD-Portfolio/>

Date of birth: **29/03/2004**

Place of birth: Kalamata, Greece

PROFILE

(Soon to be) Computer Science graduate from the Aristotle University of Thessaloniki with a strong interest in **Data Science**, **Machine Learning** and **Backend Development**. Passionate about building data-driven solutions that solve real-world problems.

EDUCATION

- **Aristotle University of Thessaloniki (AUTH) (2022-2026)**
 - **BSc in Computer Science**, Faculty of Sciences
 - Grade average: **8.18/10**
 - Key courses: Machine Learning, Databases, Artificial Intelligence, Database Technology, Web Information Systems, Data Mining & Warehouses, Data & Web Science Principles, Neural Networks - Deep Learning
- **Pylos Senior High School (2019-2022)**
 - Graduated with an average grade of **19.9/20**

BACHELOR'S THESIS

The impact of data quality on business process discovery and anomaly detection

- Conducted an experimental study on the impact of data quality degradation on business process event logs.
- Evaluated and compared multiple anomaly detection and process discovery algorithms on synthetic and real-world datasets.
- Analyzed algorithm performance using precision, recall, F1-score, fitness and precision metrics.

Technologies: Python, PM4Py, Pandas, Scikit-learn

SKILLS

- **Programming Languages**
 - Python • Java • SQL • C/C++ • JavaScript
- **Machine Learning & Data Science**
 - Pandas • NumPy • Scikit-learn • PyTorch • Matplotlib • Seaborn
- **Backend Development**
 - FastAPI • Flask • REST APIs
- **Databases**
 - SQLite • MongoDB
- **Process Mining**
 - Pm4Py
- **Tools & Platforms**
 - Git • Docker • Jupyter Notebook • Postman • VS Code
- **Technical skills**
 - Data Preprocessing • Data Analysis & Visualization • Classification & Clustering • Business Process Mining • Database Design

PERSONAL PROJECTS

- **MaBaN - Market Basket Analysis:** Developed a Flask application implementing the Apriori algorithm for market basket analysis. Supports CSV upload, frequent itemset mining and association rule generation. **Technologies:** Python, Flask, Pandas, Mlxtend
<https://github.com/andreasdarsa/MaBaN-Market-Basket-Analysis>
- **Football Players Clustering by Role:** Implemented a K-Means clustering model on player statistics from Europe's top five football leagues (2024–25 season) to identify player roles and playstyle archetypes for scouting, recruitment and tactical analysis. **Technologies:** Python, Pandas, Scikit-Learn, Plotly
<https://github.com/andreasdarsa/Football-Players-Clustering-by-Roles>
- **CSNotes:** Collaborated in a team of three to develop an Android application in **Java** that serves as a repository for course notes and educational videos. Developed features for content upload, browsing and PDF discussion threads, backed by an **SQLite** database. **Technologies:** Java, Android Studio, SQLite
https://github.com/georgepapanikol/Android_Project_AUTH_2026

PROFESSIONAL EXPERIENCE

- **Web2Learn (Internship)** - 03/2026-05/2026
 - Junior Software Developer
 - Contributed to the **AISTER** project, an **AI-powered** initiative leveraging Natural Language Processing (**NLP**) and **Computer Vision** to promote awareness of Ukrainian cultural heritage.

- Contributed to the development of a **FastAPI** backend for the AirLimnos project, integrating data from 5+ environmental sensors through **REST APIs** and delivering real-time air and water quality measurements to the frontend dashboard.
- Collaborated with developers and researchers in a multidisciplinary team.
- **W Costa Navarino**
 - 07/2024 - 09/2024 **Pool & Beach Attendant** - Wet Deck Department
 - 07/2025 - 08/2025 **Pool & Beach Attendant / Assistant Waiter** - Wet Deck Department
 - Delivered high-quality customer service in a **5-star luxury resort**, while working in a fast-paced environment.
 - Supported daily operations while maintaining high service standards and effective teamwork.
 - Received excellent performance evaluations for reliability, teamwork and task completion **(3.2/4)**.

LANGUAGES

- **Greek:** Native
- **English:** C2 (Michigan ECPE)
- **French:** B1 (State Certificate of Language Proficiency)
- **Spanish:** Elementary proficiency (currently learning)

GENERAL INTERESTS/HOBBIES

- Personal software projects
- Machine Learning & Data Science
- Gym & fitness
- Football
- Language learning