

Panagiotis Tsembekis

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Education

University of Cyprus

Expected Graduation: Jun 2027

Bachelor of Computer Science | GPA: 8.01/10

Nicosia, Cyprus

- Strong academic foundation in **Java** and **C**, **OOP Principles**, **Data Structures** and algorithmic **problem solving**.

Wargaming

Mar 2025 – May 2025

Back-End Software Engineering Course | Certificate

Nicosia, Cyprus

- Completed selective program covering **OS**, **Networking**, **Linux tools**, **SQL/ORMs**, **FastAPI**, **CI/CD**, **DevOps**, and **Kubernetes**.
- Delivered hands-on projects and CTF challenges using **FastAPI**, **SQLAlchemy**, **Linux CLI**, and **GitLab CI**, including building an HTTP server and a round-robin message broker.

Work Experience

Wargaming

Jul 2025 – Present

Junior Engineer Intern

Nicosia, Cyprus

- Currently interning as a **Junior Engineer** at Wargaming within their *Production Support* team.

CYENS Centre of Excellence

Jun 2025 – Jul 2025

Software Engineer Intern

Nicosia, Cyprus (Hybrid)

- Built branching story flows for an AI storytelling platform, supporting manual input, AI regeneration, and robust LLM summarization with **regex validation**.
- Refactored backend from monolithic scripts to a **modular architecture**, enhancing **scalability** and upgraded story engine with **LangChain chains** and custom prompts for improved output control.
- Supported deployment, QA testing, and debugging to ensure platform readiness for a formal *research study*.

Projects

Digital Wardrobe App | Private Repository

Spring Boot | Supabase | React Native + TypeScript (learning)

- Developing digital closet app with **Spring Boot backend** and **Supabase** for database, storage, and authentication, implementing **image processing** and clothing uploads.
- Building cross-platform mobile frontend with **React Native + TypeScript**, implementing outfit planning and learning mobile development practices.

SQLGym | Source Code

FastAPI | SQLAlchemy | SQL | React + TypeScript (learning)

- Built an interactive SQL platform with **FastAPI + SQLAlchemy**, query evaluation, and mock fintech data.
- Developing a **React + TS frontend** with code editor, schema previews, and instant result feedback.

Leadership Experience

MT Webworks | Website | Instagram

Apr 2024 – Present

- Co-founded MT Webworks, delivering and maintaining **5+ custom websites** tailored to clients' needs and preferences.
- Increased client website traffic by **45% in 30 days**, driving **1,107 site sessions** and securing **805 unique visitors**.

Technical Skills

Languages: Java, Python, SQL, JavaScript, C, HTML5, CSS

Frameworks: Spring Boot, FastAPI (basic), SQLAlchemy (basic), LangChain, Streamlit

Databases: PostgreSQL, MySQL

Tools: Linux, Git, GitLab CI(basic)