

Xenofon Logothetis

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XENOFON LOGOTHETIS XenofonLogo

Education

National and Kapodistrian University of Athens 5th-year Undergraduate, Dept. of Informatics & Telecommunications	Sept 2021 – Present
Varvakeio Model Middle and High School Graduated with Honors	Sept 2015 – June 2021

Technical Projects

University Projects

SIGMOD Runtime Engine | *Modern C++, Systems Programming*

[Code](#)

- Developed a **high-performance analytical query runtime** optimized for join-heavy workloads.
- Implemented custom **hash-table strategies** (Robin Hood, Cuckoo) and managed CI/CD with **GitHub Actions**.
- Collaborated using **CMake** and **Catch2** for unit testing in a professional team workflow.

OpenGL Orbital Scene | *C++, Graphics Programming*

[Code](#)

- Engineered a real-time 3D engine using **Modern OpenGL** (VAO/VBO) and **GLSL** shaders for Phong lighting.
- Managed asset pipelines using **Assimp** for mesh loading and **stb_image** for textures.

Vampires vs. Werewolves | *C++17, Game Architecture*

[Code](#)

- Designed a turn-based strategy game using **Object-Oriented Design** and a **procedural map generator**.

Personal Projects

Fullstack Kanban Board | *React, TypeScript, Spring Boot, PostgreSQL*

[Code](#)

- Developed a **full-stack agile project management tool** featuring drag-and-drop functionality for task tracking.
- Built a responsive frontend with **React** and **Tailwind CSS**, integrated with a **RESTful Spring Boot API**.
- Implemented secure data persistence using **Spring Data JPA** and an optimized relational database schema.

Resume Matcher & Similarity Analyzer | *Python, NLP, Scikit-learn*

[Code](#)

- Built an automated screening tool using **TF-IDF vectorization** and **Cosine Similarity** to rank resumes.
- Implemented text preprocessing and keyword extraction to quantify candidate-job alignment.

Spring Boot Task Manager | *Java, Spring Boot, JPA/Hibernate*

[Code](#)

- Architected a **RESTful API** for task management featuring full CRUD operations and data persistence.
- Developed a clean service layer with **Dependency Injection** for scalable backend architecture.

Work Experience

Construction Company K.VYRINIS A.E.

Athens, Greece

- Demonstrated high endurance and work ethic in high-pressure, physically demanding environments.
- Maintained composure and productivity during complex on-site operations under intense stress.

Technical Skills

Languages:	C, C++, Java (Spring), Python, SQL, GLSL, TypeScript, JavaScript
Tools/DevOps:	Git, GitHub Actions, CI/CD, CMake, Linux, Docker, Maven, PostgreSQL
Frontend/UI:	React, Tailwind CSS, HTML5/CSS3
Engineering:	REST APIs, Parallelism, Modern OpenGL, OOP, Database Internals

[Click here to view my Cover Letter](#)