

Xenofon Logothetis

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Education

National and Kapodistrian University of Athens	Sept 2021 – Present
All academic requirements met; seeking a full-time internship or professional role to fulfill final diploma requirements.	
Varvakeio Model Middle and High School	Sept 2015 – June 2021
Graduated with Honors	

Technical Projects

University Projects

SIGMOD Runtime Engine <i>Modern C++, Systems Programming</i>	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 <i>C++, Graphics Programming</i>	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 <i>C++17, Game Architecture</i>	Code
• Designed a turn-based strategy game using Object-Oriented Design and a procedural map generator .	

Personal Projects

Fullstack Kanban Board <i>React, TypeScript, Spring Boot, PostgreSQL</i>	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 <i>Python, NLP, Scikit-learn</i>	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 <i>Java, Spring Boot, JPA/Hibernate</i>	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.	

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

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