

# Xenofon Logothetis

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## Education

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

## Technical Projects

### University Projects

<b>SIGMOD Runtime Engine</b>   <i>Modern C++, Systems Programming</i>	Code
• Developed a <b>high-performance analytical query runtime</b> optimized for join-heavy workloads.	
• Implemented custom <b>hash-table strategies</b> (Robin Hood, Cuckoo) and managed CI/CD with <b>GitHub Actions</b> .	
• Collaborated using <b>CMake</b> and <b>Catch2</b> for unit testing in a professional team workflow.	
<b>OpenGL Orbital Scene</b>   <i>C++, Graphics Programming</i>	Code
• Engineered a real-time 3D engine using <b>Modern OpenGL</b> (VAO/VBO) and <b>GLSL</b> shaders for Phong lighting.	
• Managed asset pipelines using <b>Assimp</b> for mesh loading and <b>stb_image</b> for textures.	
<b>Vampires vs. Werewolves</b>   <i>C++17, Game Architecture</i>	Code
• Designed a turn-based strategy game using <b>Object-Oriented Design</b> and a <b>procedural map generator</b> .	

### Personal Projects

<b>Fullstack Kanban Board</b>   <i>React, TypeScript, Spring Boot, PostgreSQL</i>	Code
• Developed a <b>full-stack agile project management tool</b> featuring drag-and-drop functionality for task tracking.	
• Built a responsive frontend with <b>React</b> and <b>Tailwind CSS</b> , integrated with a <b>RESTful Spring Boot API</b> .	
• Implemented secure data persistence using <b>Spring Data JPA</b> and an optimized relational database schema.	
<b>Resume Matcher &amp; Similarity Analyzer</b>   <i>Python, NLP, Scikit-learn</i>	Code
• Built an automated screening tool using <b>TF-IDF vectorization</b> and <b>Cosine Similarity</b> to rank resumes.	
• Implemented text preprocessing and keyword extraction to quantify candidate-job alignment.	
<b>Spring Boot Task Manager</b>   <i>Java, Spring Boot, JPA/Hibernate</i>	Code
• Architected a <b>RESTful API</b> for task management featuring full CRUD operations and data persistence.	
• Developed a clean service layer with <b>Dependency Injection</b> for scalable backend architecture.	

## Work Experience

<b>Construction Company K.VYRINIS A.E.</b>	Athens, Greece
• Demonstrated high endurance and work ethic in high-pressure, physically demanding environments.	

## Technical Skills

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

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