

ATHANASIOS GENIDOUNIAS | CV

Software Developer and Computer Engineer

Status: Junior

Fields: Software Engineering

Activities: Board Games, Fitness, ARDUINO

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Summary

As a passionate programmer, I ranked sixth in the Department of Informatics and Computer Engineering at the University of West Attica entering exams. While I value my education, I believe practical work experience is invaluable, driving my eagerness to enter the industry promptly.

Proficient in Java and C++, my diverse work history has equipped me with the skills and knowledge to handle complex projects. I excel at delivering assignments on time, thanks to balancing academic and professional commitments.

Currently, I am the Project Manager for the team Talos of the University of West Attica, while also working as a mid-level developer on the MyEPO project at the European Patent Office (EPO). Collaborating with agile teams across Europe, I prioritize effective communication and cooperation to achieve desired results.

In summary, my combination of academic excellence, work experience, and programming skills makes me a dedicated professional eager to contribute to the industry's evolving landscape.

Job Experience

Sword Group - Software Developer

2022 - Now

- Played a key role in the New User Area project for the European Patent Office
- Contributing to the development of backend services using Java 11 and Java 17.
- Unit and Integration testing
- Spring Boot and Spring Cloud Data Flow frameworks.
- Elastic
- DB2 databases
- Jenkins
- Kafka
- Kubernetes
- Monitoring and visualizing system metrics and performance using Grafana
- Managed project tasks and tracked progress using Jira.
- Git
- Implemented Git version control and collaborated with teams using GitHub and Bitbucket.
- Confluence for documentation and knowledge sharing.
- ArgoCD
- Elastic logs
- JMeter

Talos U.V.S. - Project Manager and Developer

2022 - Now

- Developed project plans, defining tasks, timelines and resource allocation to ensure efficient project execution.
- Conducted regular team meetings, facilitating effective communication and coordination among team members.
- Leveraged open-source computer vision library OpenCV to develop computer vision algorithms for UAV applications.
- Utilized Raspberry Pi boards for integrating computer vision capabilities into UAVs, enabling real-time image processing and analysis.

Pita kalamaki - Part-Time Cashier and Delivery

2021 - 2023

- Provided exceptional customer service by effectively communicating with customers and addressing their inquiries or concerns promptly.
- Successfully handled cashier duties
- Efficiently processing transactions and maintaining accurate records.

- Developed IoT services by programming Arduino boards using C language, enabling seamless connectivity and automation.
- Installed electrical circuits, ensuring efficient and safe power distribution for various systems and devices.
- Manufactured and programmed sensors to collect and analyze data
- Served as an in-house IT specialist, providing technical support and troubleshooting for hardware and software-related issues.
- Conducted thorough testing and debugging of software and hardware components, ensuring quality and reliability.
- Actively participated in brainstorming sessions and contributed creative ideas to enhance product features and user experience.

Haidemenos S.A - Logistics Assistant

2017 - 2020

- Prepared and deployed advertising material packages for the Greek Organisation of Football Prognostics S.A., ensuring accurate and timely distribution.
- Coordinated with a team to efficiently manage logistics operations, including inventory management, packaging, and shipment tracking.
- Ensured proper documentation and compliance with regulatory requirements during the preparation and transportation of materials.
- Implemented effective communication and coordination strategies within the team, resulting in streamlined processes and improved efficiency.

Freelance - Tutor

2017 - Now

- Tutor proficient in guiding high school students in math, physics, and informatics, as well as assisting university students in Java, C, and C++. Passionate about fostering academic growth through engaging and tailored lessons.

Skills and Knowledge

Java - Proficient

2019 - Present

- In-depth understanding of object-oriented principles (abstraction, encapsulation, inheritance, polymorphism)
- SOLID principles
- Managing classes and objects, Interfaces and object methods
- Proficient in developing REST APIs and microtransactions
- Web services using frameworks like Spring Boot, Hibernate Apache and VertX.

Databases - MariaDB MySQL PostgreSQL

2020 - Present

- Solid understanding of databases
- Concepts of data modeling
- Relational databases
- SQL programming language
- Proficient in working with MariaDB, MySQL and PostgreSQL databases.

C++ - Proficient

2019 - Present

- Strong foundational knowledge of C++ programming
- including managing classes, objects, interfaces, networking as well as multithreading concepts..

Python - Games and University Projects

2019 - Present

- Developed small games such as minesweeper and tic-tac-toe. Worked on university projects
- including machine learning projects.

Education

Undergraduate Student - University of West Attica

2020 - Present

- Masters Degree

- HackTheBox Academy
- Over The Wire

Languages

English - ECCE

German - A2

Technical Proficiencies

Programming Languages

- C, C++, C#, Java, PHP (laravel), Python , Assembly, Matlab, Android Studio
- SQL
- Batch Scripting, Bash Scripting
- HTML, CSS, Javascript

Operating Systems - Windows, MacOS, Linux, Android

Office Applications - Microsoft Office, LibreOffice, OpenOffice, lateX

Robotics and Electronics Applications - VHDL, ARDUINO, Modelsim, Multisim

Networking - Packet Tracer, WireShark

Multimedia editing Applications - Adobe Photoshop, Adobe Premiere Pro

Other - Docker, Git

Find me

LinkedIn - <https://www.linkedin.com/in/athanasios-genidounias/>

GitHub - <https://github.com/akisnoobotrolis>

Projects

Some of my Projects - <https://github.com/akisnoobotrolis?tab=repositories>

Certifications

Complete Guide to Elasticsearch - Bo Andersen

Spring Framework 5: Beginner to Guru - Spring Ahead Code Academy

Apache Kafka Series - Learn Apache Kafka for Beginners v3 - Conduktor Kafkademmy

Python for Data Science and Machine Learning Bootcamp - Jose Portilla

Python for Computer Vision with OpenCV and Deep Learning - Jose Portilla

Notice Period

2-3 Weeks

Current location

Athens, Greece

Citizenship and Visa Status

Citizenship: Greek

Visa Status: N/A (Unrestricted work authorization within the European Union)