Xenakis Nikos
Senior Software Engineer

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Work experience

Specialist R&D Engineer
Sphynx Technology Solutions
Zurich, Switzerland (Fed 2024 - Present)

Engineering: Designed and implemented the Sphynx Incident Response Tool, ensuring scalability, reliability, and seamless integration with existing frameworks. Project Management: Managed the SecOPERA EU project for Sphynx, overseeing project plans, execution, and risk management.

`Java` `Spring Boot` `Node.js`

Senior Software Engineer
Welbot
Edinburgh, UK (Nov 2022 - Jan 2024)

At Welbot Ltd., I crafted state-of-the-art well-being products tailored for enterprises, going beyond coding to understand business challenges and deliver innovative solutions. I was dedicated to enhancing workplace well-being through cutting-edge technology and research-driven solutions. Additionally, I introduced CI/CD pipelines for all products, streamlining development and ensuring efficiency.

`HTML/CSS` `TypeScript` `Node.js` `ElectronJS` `AWS` `Terraform` `GitHub CI/CD`

Senior Software Engineer
SeeByte
Edinburgh, UK (Sept 2019 - Nov 2022)

Playing a key role in developing Mission Planning, Monitoring, and Mission Analysis software for Unmanned Underwater Vehicles (UUVs). My dedication and performance led to my rapid promotion to the senior level, making me the fastest promoted engineer in the company at the time, while participated in customer trials.

`C#` `.NET Framework` `Java` `C++` `NSIS` `WIX Toolset` `Jenkins`

Software Engineer Intern
Information Services of UoE
Edinburgh, UK (April 2019 - June 2019)

Created an XML-based publishing workflow, including tool evaluation, OJS integration, customization, and workflow establishment for academic journals.

Software Engineer
Wings ICT Solutions
Athens, Greece (April 2017 - Aug 2018)

Working for Wings ICT Solutions in order to develop web services for National Bank of Greece. Requirements analysis, design, and implementation of user interface CRM bank systems.

`HTML/CSS` `Typescript` `Angular` `C#` `.NET`

Teaching Assistant
Computer Science Department, UoC
Heraklion, Greece (Sep 2015 - Jan 2016)

Part of the program "TheProfit" which allows to the best undergraduate students of the department to aid University`s academic work. Role: Undergraduate Teaching Assistant at "Introduction to Computer Science" course

Undergraduate Trainee
FORTH (Research Center)
Heraklion, Greece (Jun 2015 - Aug 2015)

Conducting Research in Big Data Systems using acceleration mechanisms.

`HDFS` `MapReduce` `HBase` `Apache Phoenix` `Spark` `CUDA` `OpenCL`

Education

Msc in HPC with Data Science
University of Edinburgh
Sep 2018 - Aug 2019

Scholarships I was honored to receive the Best Student Award for the MSc program. Additionally, I was awarded the Highly Skilled Workforce Scholarship, which required candidates to hold the international equivalent of a UK first-class or 2:1 Honours degree at the undergraduate level.
Dissertation Parallelisation of frame processing for Optical Coherence Tomography (85%)

Bachelor in Computer Science
University of Crete
Sep 2012 - Jul 2016

Scholarships 3 years in a row awarded with the memorial scholarship "Stelios Orfanoudakis". This scholarship is given to the top 3 students of the Computer Science department each year.
Dissertation ICE Editor is a visual programming language for end-user programmers for IOT devices. ICE Editor is a web client application written in JavaScript.

Projects

Georgioupolis Transfers `Typescript` `Angular` `LESS` `NodeJS`

ImagInLexis `Java` `JavaFX`

Languages

🇬🇷 Greek Native Speaker
🇬🇧 English Advanced Level
🇩🇪 German Beginner Level

Interests

♟ Chess
🕺 Salsa and Cretan traditional dances
🏋 Weight lifting