Aristarchos Tzatzos

Software Engineer

"Pathos is the engine of creation"

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in Aristarchos Tzatzos   ⬤ github.com/aristza

WORK EXPERIENCE

Android & Web App Developer
Technical University of Crete

03/2023 - 08/2023
Developed two applications for Technical University of Crete. One collects and summarizes ratings for the restaurant of TUC. The other one aims to help with the management of "Hall of Residencies" by visualizing the occupancy and breakdowns in a neat GUI.

Educational Material Developer
Technical University of Crete

03/2021 - 12/2021
Extracurricular Training Program "Python for 3D printing and creative explorations of 3D models".

Adult Educator
CIHEAM-Chania

07/2021 - 07/2024 (July-Seasonal)
Created and coordinated workshops involving AR, VR, Teamwork and Problem-Solving skills, Electronics, Programming, Robotics and AI, following STEAM practices.

STEAM Teacher
Private School Mavromataki-Mitera

07/2020 - 07/2023 (Part-time)
Performing STEAM activities for primary education students.

Educational Material Developer
Technical University of Crete

01/2019 - 09/2019
Extracurricular training modules in Programming for secondary vocational education.

Website Developer
Triandria Smiles

03/2017 - 08/2017
Developed a website for the company Triandria Smiles from scratch using only HTML and CSS.

EDUCATION

Electrical & Computer Engineer
Technical University of Crete

09/2015 - Present
Thesis: Development of a smart embedded system for building power management based on the MQTT protocol.
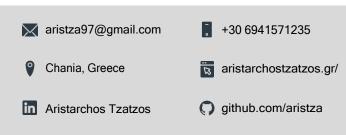*Supervisor: Prof. Fotios Kanellos*

LANGUAGES

Greek
Native speaker

English
Full Working Proficiency

MILITARY OBLIGATIONS

Fulfilled • 11/2023 – 07/2024

SKILLS

Python, C, Java   Android Development
HTML, CSS   JS (Node.js, Express.js, Vanilla)
Bootstrap   PostgreSQL, MySQL   Firebase
MATLAB   GIT   Docker   PHP   JavaFX

PERSONAL PROJECTS

TUChome
Windows Portable App

The application provides a neat GUI to assist with the management of "Hall of Residencies" at Technical University of Crete.
Related to: Android & Web App Developer

TUCμαμ
Android App on Google Play

The app enables users to evaluate the Restaurant of the Technical University of Crete anonymously and see statistics about it.
Related to Android & Web App Developer

Car Rental Management System
Windows Portable App

The Car Rental Management System is a JavaFX application designed to streamline the process of managing a car rental business.

Fridge Please
Embedded System & Android App

Fridge-Please is an innovative smart fridge solution designed to simplify the way you manage your kitchen inventory.
Achieved 3rd Position at PreECESCON 3 of ECESCON 10

Motion Simulator
Machine

Motion Simulator brings an immersive and realistic experience to gaming by simulating motion.

CERTIFICATES

Mathesis@Crete University Press:

- CS3.1: Introduction to web development with HTML5, CSS3, Javascript
- CS3.2: Advanced Web Development
- CS3.3: Web application development with node.js

INTERESTS

3D Printing-Design   Embedded Systems
Electronics   Tennis   Accordion