



Aristarchos Tzatzos

Software Engineer

"Pathos is the engine of creation"

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WORK EXPERIENCE

Conversational AI Application Developer

Omilia

09/2024 - present

Developing automated voice and chat solutions for Customer Service.

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.

Adult Educator

CIHEAM-Chania

07/2021 - 07/2025 (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.

• 03/2021 - 12/2021

Extracurricular Training Program "Python for 3D printing and creative explorations of 3D models".

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

TUCμαρ

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