

# THANOS TZINIERIS

Athens, Greece

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[GitHub](#) · [Portfolio](#) · [LinkedIn](#)

## PROFESSIONAL SUMMARY

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Junior Software Developer with an MSc background in process-oriented consulting, technical documentation, workflow design, and compliance-driven systems. Experienced in Python, C, and full-stack web development, with hands-on project work involving interactive applications, AI-integrated systems, and responsive web interfaces. Strong analytical and validation-focused mindset developed through multidisciplinary technical and consulting environments.

## TECHNICAL SKILLS

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**Languages:** Python, C, PHP, JavaScript, SQL

**Web:** HTML, CSS, Responsive Design

**Libraries/Tools:** Tkinter, Pygame

**Concepts:** Event-driven programming, object-oriented programming, API integration, client-server communication, workflow/process design

**Additional Technical Strengths:** Workflow/process analysis, technical documentation, risk assessment methodologies, validation-focused systems

## SELECTED PROJECTS

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### Echoes Through Time | PHP, JavaScript, SQL, OpenAI API

Full-stack riddle-solving web application featuring an asynchronous AI-driven NPC system with constrained dialogue in character, persistent chat history, user authentication, and responsive UI design. Implemented dynamic prompt generation, contextual conversation memory, and asynchronous frontend-backend communication using a database-backed persistence system.

[GitHub](#) · [Live Website](#)

### Firefly: Out in the Black | Python, Pygame

Modular arcade-style space shooter featuring event-driven architecture, enemy AI, projectile systems, dynamic resolution scaling, and pixel-perfect collision detection. Implemented centralized state management, responsive rendering systems, and resolution-independent gameplay mechanics. Designed custom graphical assets and UI elements.

[GitHub](#) · [Download](#)

### Hue Hunter | Python, Tkinter

GUI-based RGB color-matching application featuring real-time visual feedback, event-driven interaction, and score calculation based on color similarity.

[GitHub](#)

## PROFESSIONAL EXPERIENCE

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### Freelance Food Safety & Compliance Consulting

2023 – 2025

- Provided independent consulting services for food-related businesses, focusing on documentation, labeling compliance, and operational procedures
- Conducted internal audits, complaint investigations, and mock recall exercises
- Developed technical specifications, record-keeping documentation, and hazard analysis studies in accordance with food safety standards

### Shop Support Consulting | Food Technologist & Consultant

Jul 2023 – Nov 2023

- Prepared technical documentation, operational flowcharts, and hazard analysis studies for food-related businesses
- Developed Food Safety Management System (FSMS) documentation in accordance with HACCP principles and EU food safety regulations

## **Food Experts Consulting G.P. | Food Technologist & Consultant**

May 2020 – May 2022

- Developed technical documentation, process flow diagrams, hazard analyses, and operational procedures for food-related businesses
- Designed facility blueprints and sanitary workflow systems for existing and future food-related businesses, including personnel, material, and product flow planning in accordance with food safety requirements
- Managed technical product specifications and food labeling compliance according to Greek, EU, and international regulations
- Conducted supplier evaluation and Product Fraud Mitigation studies in accordance with FSSC and IFS standards
- Developed Excel-based record-keeping and workflow tracking systems with automated data validation, conditional formatting, and process-control mechanisms for production and quality-control workflows
- Coordinated internal workflows while onboarding and training new staff members in documentation and compliance procedures

## **Gefsinus Contract Catering S.A. | Batch Coordination & Dispatch Operations**

Jun 2017 – Oct 2017

- Coordinated overnight packaging and distribution workflows for large-scale food service operations
- Managed order preparation, batch handling, and dispatch logistics for corporate and industrial catering clients

## **QACS Ltd. - Analytical Laboratories | Internship**

Dec 2014 – May 2015

- Prepared microbiological media and managed laboratory preparation workflows for the Microbiology Department
- Performed preservation efficacy testing (PET) for cosmetic products, along with microbiological and chemical analysis procedures

## **Hellenic Boxing Federation | External Collaborator**

Feb 2008 – Nov 2012

- Provided administrative and operational support within the Federation Secretariat
- Managed English-Greek translation and real-time interpretation for officials, athletes, and international delegations
- Coordinated workflows for national and international sporting events, including accreditation systems, volunteer training, and on-site operations
- Recruited by the Cyprus Boxing Federation to support European championship events as a technical delegate during the federation's early organizational development (2013 – 2014)

## **EDUCATION**

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### **Private Software Development Mentorship**

2024 – Present

Structured one-on-one training in C, Python, data structures, object-oriented programming, and full-stack web development using PHP, JavaScript, HTML/CSS, and SQL.

### **MSc in Food Innovation, Quality & Safety**

University of West Attica, Greece | 2018 – 2020

### **BSc in Food Technology**

Technological Educational Institute of Athens, Greece | 2006 – 2016

## **ADDITIONAL CREATIVE & MEDIA EXPERIENCE**

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- Digital image retouching, print preparation, and graphic material design using Adobe Photoshop and Illustrator
- Newspaper, magazine, and print layout design using QuarkXPress and Adobe InDesign
- Familiarity with technical drafting and design tools including AutoCAD and OnShape

## **LANGUAGES**

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Greek: Native

English: Full Professional Proficiency (C2 Proficiency, professional translation & interpretation experience)