

# ALEXANDROS PERRAKIS

## Software Engineer

@ alexperrakis1@gmail.com

📍 Rhodes, Greece

🌐 alexperrakis

🔗 stolichnayer



## EXPERIENCE

### Android Developer (Freelancer)

#### Drosoulites Restaurant, Google Play Store

📅 2017 - Present

📍 Remote

- Designed, developed, and deployed a cloud-based Reservation Management System as an android application for the restaurant Drosoulites in Rhodes.
- Developed several Android games, leveraging Android Studio in Java and Unity Game Engine and successfully published some of them on the Google Play Store.

### Technical Writer (Freelancer)

#### Medium

📅 Feb 2024 - Present

📍 Remote

- Crafting Cybersecurity and Software Development articles with informative content.
- Profile: [medium.com/@alexperrakis](https://medium.com/@alexperrakis)

### IT Support Technician

#### Research and Informatics Corps - Hellenic Army

📅 Nov 2022 - Jun 2023

📍 Rhodes

- Military Service as Private at 95th National Guard Higher Command (95 ADTE)
- Computer Software & Hardware Troubleshooting, Server Installation /Support, System Administration, Operating Systems, Web Development, Python Scripting/Automation, Video Editing, Cyber Security, Networking, Password Cracking, Adobe Photoshop, Microsoft Office

### Graphic Designer (Freelancer)

#### VICKO Rhodes

📅 Dec 2021 - Jun 2022

📍 Rhodes

- Collaborated with VICKO, a prominent store in Rhodes, to design and produce professional business cards that aligned with their brand identity and objectives and create engaging Instagram giveaway posts.

## PROJECTS

### Reserve Hub

Android Studio

Java

MySQL

- A cloud-based Android application tailored for efficiently managing client reservations, table assignments & availability, within food-centric enterprises (e.g. restaurants).

### Flip Hub

Android Studio

Java

- A classic card-matching game, where players are presented with an array of face-down cards, each concealing an image or symbol. The objective is to flip over two cards at a time, attempting to find matching pairs.

### (Thesis) Web System for analytic queries over RDF Graphs

HTML

CSS

JavaScript

Vue.js

Java

Java Spring

Apache Jena

SPARQL

Virtuoso DB

- The purpose of this system is to enable any ordinary user to explore RDF Graphs, making complex queries without knowing any SQL syntax, such as "Average price of Laptops with 4 USB Ports, that the country of their manufacturer has 8.612 GDP per capita."

## ABOUT

"Passionate about software development and cyber-security, I'm dedicated to crafting innovative, secure solutions for the world of technology."

## EDUCATION

### B.Sc. in Computer Science

#### University of Crete, Computer Science Department

📅 Sep 2016 - Jul 2022

📍 Heraklion

- GPA: 7.21 / 10
- Thesis Title: Implementation of a web-based system for exploring and formulating analytic queries over RDF Knowledge Graphs  
Grade: 10 / 10

### M.Sc. in Information & Communication Systems Security

#### University of the Aegean, Department of Information & Communication Systems Engineering

📅 Oct 2023

📍 Samos

- GPA: 9.75 / 10 (currently)

## SKILLS

Effective online research

Attention to detail

Adaptability

Efficient information retrieval

Diverse technologies mastery

## LANGUAGES

Greek (Native)

English (ECPE of Michigan - C2)

German (Goethe - B2)



## OPERATING SYSTEMS

Windows

Unix



## PROGRAMMING

HTML/CSS/JavaScript

Java

SQL

Node.js

C# .NET

C/C++

Python

SPARQL

Java Spring Boot

Vue.js

React.js

R

Assembly

Matlab



## Web Messenger HTML CSS JavaScript Node.js Bootstrap

- A simple web instant group-chat.
- GitHub: <https://github.com/Stolichnayer/chat>

## Watch The Box Unity C#

- A single-player game, where you control a knight player dodging dropping crates from the sky, where some of which contain special effects & power-ups.
- GitHub: <https://github.com/Stolichnayer/watch-the-box>

## Thermal Camera Image Recognition C#

- A desktop UI application for RGB color & intensity average of a selected region of an image captured by a thermal camera.
- GitHub: <https://github.com/Stolichnayer/thermal-camera-image-recognition>

## Language for JSON C++

- Implementation of a specific-purpose language for definitions and usage of data in JSON format. This language is compiled to C++ by including only a "JSONlang.h" header file. Made for the purposes of an undergraduate course.
- GitHub: <https://github.com/Stolichnayer/JSON-lang>

## Tic Tac Toe Android Studio Java

- The widely known game, made with graphics as an android mobile game that features a local multi-player and a single-player mode (vs AI) with 4 levels of difficulty (Easy, Medium, Hard & Expert), where Expert mode utilizes the unbeatable algorithm.

## Instagram Comment Bot Python

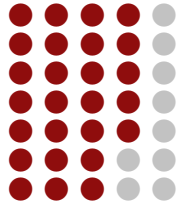
- A simple automation program that posts comments on a specific Instagram URL's post.
- GitHub: <https://github.com/Stolichnayer/instagram-bot>

## Weather Scrapper Python

- An automation program that scraps the weather from a region given as URL of freemeteo.gr and calculates wind direction and speed, sea state, weather state, temperature and prints it in a formatted table in a Text file or a Microsoft Word docx file.
- GitHub: <https://github.com/Stolichnayer/weather-scrapper>

## TOOLS

Android Studio  
Git  
JSON  
Microsoft Office  
Adobe Photoshop  
RESTful APIs  
Adobe Premiere



Metasploit  
Nessus  
OpenVAS  
Burp Suite  
Nmap  
MobSF  
Snort IDS/IPS

