THEODOROS BOGIATZIS

Queens, NY · thodoris.bogiatzis@gmail.com · 516-234-2452
linkedin.com/in/thodoris-bogiatzis · theodorosbogiatzis.com · github.com/komoro13

EDUCATION

Hunter College   New York City, NY   Aug 2024 - Sep 2028
Relevant Coursework: Python, Bash, Linux, C++, Data Structures and Algorithms

EMPLOYMENT

Freelance   Chios, GR
Software Developer   Sep 2019 - July 2024

- Developed software solutions for companies inside and outside Greece using multiple languages and technologies.

- Implemented a PDA software reducing the ordering process by 50% through remote ordering capabilities.

- Designed and developed a data preprocessing framework in VBA/Excel, reducing working time by 85%.

- Automated online data change notifications with a Python script, saving 100% of manual effort.

- Developed an Android application for client account management and payments.

SKILLS

Programming Languages: C/C++, x86 Assembly, C#, Python, Java, Bash, VBA, PHP, JS
Frameworks and Libraries: .Net, XC8 for PIC microcontrollers, JDK, SDK, Selenium, WPF, WDK
IDEs: Visual Studio, MPLAB X IDE, Android Studio
Developer Tools: WireShark, IDA, BurpSuite, Metasploit, Nmap, WinDbg, GDB
Operating Systems: Linux (Kali, Ubuntu), Windows (User and good knowledge of internals)

PROJECTS

GSM Alarm *C, XC8 Compiler, MBLAB X IDE, Assembly, PCB Board design, SMD techniques*
A modular GSM Alarm system developed in C language with XC8 compiler using MPLAB X IDE. The alarm consists of one main module responsible for calling the user's phone and up to four sensor modules that send a signal to the main module when tracking motion.   GitHub

MagCal *C, XC8 Compiler, MBLAB X IDE,Assembly, PCB Board design, SMD techniques*
A thickness measuring tool developed in C language using XC8 compiler in MPLAB X IDE. Constiting of a main PCB board, LCD, and Hall sensor. Measures thickness in millimeters   GitHub

Ravaisi PDA *Java, C#, PHP, MySQL, Android Studio, Visual Studio, XAMPP, Wireshark*
A Restaurant PDA system that enhances the order taking process. Consisting of a desktop application developed in C# using WPF and .Net Framework, an Android app developed in JAVA using Android Studio and an MySQL database running on a XAMPP server using PHP for the backend.   GitHub

OddsScraper *Python, Selenium, JavaScript*   GitHub
An odds analyzing app developed in Python that scrapes web data of a football betting website using Selenium, compares the odds over time, and when the change percentage surpasses a certain threshold, it notifies the user using a telegram chatbot.   GitHub

COMPETITIONS AND CERTIFICATES

Gotta Go Hack Winter Edition   Nov 2023
Participated in a Hackathon in Paris, developed a game-like reminder Android app in JAVA within 48 hours.

x86/x64 Assembly Language for Cybersecurity Maniacs   Sep 2024
Completed a Udemy course on the applications of x86/x64 Assembly to cybersecurity.

Linux x86 Assembly and Shellcoding   Sep 2024
Completed a Udemy course teaching shellcoding techniques using x86 Assembly.

Cybersecurity Fundamentals   Oct 2024
Completed an IBM Skillsbuild course teaching the Fundamentals of Cybersecurity.

Python for Data Science   Dec 2024
Completed an IBM Skillsbuild course teaching data science using Python.

Data Fundamentals   Dec 2024
Completed an IBM Skillsbuild course teaching the fundamentals of data.