

# THEODOROS BOGIATZIS

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## EDUCATION

### CUNY - Hunter College

BA Computer Science

Relevant Coursework: Python, Bash, Linux, C++, Data Structures and Algorithms

New York City, NY

Aug 24 - Sep 28

## WORK EXPERIENCE

### Freelance

*Software developer*

Chios, Greece

Sep 2019 - Jul 2024

- Developed software solutions for companies inside and outside Greece using many different languages, frameworks and technologies
- Implemented a PDA software that reduced the ordering process by 50% by letting employees order remotely
- Designed and developed a data gathering and preprocessing framework in VBA and Excel that decreased the working time by 85% by introducing a unique set of modules responsible for scraping, filtering and sorting
- Implemented a python script that would notify the user about changes in online data, decreasing the manual work by 100% by automatating the whole process
- Developed an Android application used by a business for clients account management and payments

## SKILLS

Programming Languages:	C/C++, x86 Assembly, C#, Python, Java, Bash, VBA, PHP, HTML/CSS, 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
Operating Systems:	Linux (Kali, Ubuntu), Windows (User and good knowledge of internals)

## PROJECTS

### GSM Alarm

[github.com/komoro13/GSMAlarm](https://github.com/komoro13/GSMAlarm)

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.

### Ravaisi PDA

[komoro13/Ravaisi\\_PDA](https://github.com/komoro13/Ravaisi_PDA)

A PDA system that helps the restaurant manage its orders fast and effectively. Consists of one desktop application developed in C# using WinForms and .Net Framework, one Android app developed in JAVA using Android Studio, JDK and SDK and one MySQL database running in a XAMPP server using PHP for the backend.

### OddsScraper

[github.com/komoro13/OddsScraper](https://github.com/komoro13/OddsScraper)

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

## COMPETITIONS AND CERTIFICATES

### GottaGoHack Winter Edition

Participated to a Hackathon in Paris, France where I was responsible for the technical part of the project. I developed a fully functional game like reminder android application in JAVA in 48 hours. November 2023

### x86/x64 Assembly Language for Cybersecurity Maniacs

Completed a udemy course teaching how assembly language can be applied to cyber security techniques Sep 2024

### Linux x86 Assembly and Shellcoding

Completed a Udemy course teaching shellcoding techniques used in a Linux environment using x86 Assembly Sep 2024