

# Paterakis Nikolaos-Aristotelis

Software Developer

Penteli, 15127, Athens

[nikospaterakis23@gmail.com](mailto:nikospaterakis23@gmail.com)

6971661319

References upon request

## PROFESSIONAL EXPERIENCE

**Hellenic Army** — Military service obligations fulfilled

Sept 2023 - Sept 2024

**Dialectica, Athens** — System Administrator and Automation Engineer

Aug 2022 - Now

**DEVOQ Technology** — Junior Developer, Junior Network Engineer

Oct 2020 - July 2022

## EDUCATION

**Athens University of Economics and Business, Athens - BSc in Informatics**

Oct 2016 - June 2022

Completed Modules:

- Computer Systems and Networks
- Information Systems and Information Security
- Databases and Knowledge Management

**Athens University of Economics and Business, Athens**

KEVIDIM - Full Stack Development of Web Applications with Java Enterprise Edition, Hibernate and Spring

## STANDOUT PROJECTS

**Distributed System in Java** — A simulation of OASA buses Telematics  
– A project for the course of Distributed Systems

Project Target: Read sensor location in public transportation, buses to be exact.

Project Description: Development of a multithreaded software for extracting the bus location from raw data we had to serialize. The client software ran on a terminal and on an Android application to project the live location of the requested bus.

**Othello game with AI opponent** — Implementation of a classic board game

This project's purpose was to recreate, from scratch in python, one of the all-classic board games, Othello. We designed an AI opponent for the player, by creating an Heuristic Alpha-Beta Pruning algorithm from scratch as this was the main goal of the assignment and we tested it against other colleagues' implementation. As UI, we used the terminal and drew the board with symbols.

## SOFTWARE SKILL SET

- Strong understanding of Data Structures: arrays, linked lists, stacks, queues, trees and graphs
- Understanding of Computer Architecture in both hardware and OS level
- Databases: Basic Skills - Experience

## PROGRAMMING LANGUAGES & TECHNOLOGIES I'VE BEEN EXPERIMENTING WITH:

- Java
  - Android Studio
  - Spring Boot
- Python
- SQL, MySQL
- C++
- MatLab
- VHDL
- HTML, CSS, JavaScript
- Assembly (MIPS32)

## CERTIFICATIONS

CyberSecurity Training:

- NSE 1
- NSE 2
- NSE 3

-WatchGuard Basic Level Certification

## LANGUAGES

Proficiency of Competency in English, C2, University of Michigan