

Yannis Katsanis

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[Personal Website](#)
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PERSONAL INFORMATION

I am currently a computer science Msc student at NKUA. My interests focus on improving my problem-solving skills and methodologies by constantly learning. Related to computer science, my domain of interest includes Programming Languages, Design Patterns, Web Applications and Big Data.

EDUCATION

10/2019 – 8/2021

(EXPECTED)

NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
MSC IN COMPUTER SCIENCE AT INFORMATICS AND
TELECOMMUNICATIONS DEPARTMENT

MAJOR: DATA, INFORMATION AND KNOWLEDGE
MANAGEMENT

10/2015 – 10/2019

NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
BSC IN COMPUTER SCIENCE AT INFORMATICS AND
TELECOMMUNICATIONS DEPARTMENT

MAJOR: SOFTWARE ENGINEERING AND DATA
MANAGEMENT

BSC THESIS: FILE SYSTEM MONITORING WITH USE OF
AUDIT FRAMEWORK [FS_Monitoring](#)

WORK EXPERIENCE

6/2019 – 2/2020

AGILE ACTORS S.A.
SOFTWARE ENGINEER

- Contributed through the whole lifecycle of a main desktop application with many sub systems for a government organization. Some of them including email agents, documents managers and the main information system.
- Technologies used: .NET Framework 4.6, MS SQL SERVER.

7/2018 – 9/2018

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SOFTWARE ENGINEERING INTERN

- Redesigned and Reconstructed equipment's register database relational schema. Also, built and designed a full stack web application for equipment register uses.
- Technologies used: .NET Core 2.0 (MVC), Python, PostgreSQL.

LANGUAGES

ENGLISH Proficiency

GREEK Native

SKILLS, PROGRAMMING LANGUAGES & FRAMEWORKS

- OOP Concept Understanding
- Algorithms
- Data Structures
- Web Application Principles (RESTful & MVC)
- Databases
- Team Player
- Collaboration Skills

- C, C++, C#, Java, Python, TypeScript/JavaScript
- SQL (MS SQL SERVER and PostgreSQL)
- Shell Scripting (Bash)

- **.NET** Framework:
 - ASP.NET (RESTful Web API & MVC)
 - Asynchronous Programming with C#
 - Linq
 - Lambda Expressions

- **Django** Framework:
 - Django rest & Django MVC framework
 - Class libraries such as ModelViewSet, FilterSet, ListCreateAPIView.

- **Angular** Framework:
 - Asynchronous Programming with TypeScript, Component based architecture.

SOME OF MY PROJECTS ON GITHUB

- Implementation of Mini Java (Subset of Java) Compiler (Type checker and Intermediate code generator) in **Java**.
[MiniJavaCompiler](#)

- Crypto Currencies Recommendation System. Implemented a system that recommend cryptos to users based on tweets about them in **C++**.
[CCRS](#)

- Web Server with a search engine service with crawler, Implementation in **C**.
[WebServer-WebCrawler](#)

- Web application that watches user specified links for content changes and alerts user. Implemented with **Python Django Angular MongoDB**. [Trigger_Alert](#)