JOHN PRIFTI

Date of birth: 21/07/1997 | **Nationality:** Greek | **Gender:** Male | **Phone number:** (+30) 6940020178 (Mobile) | **Email address:** giannispriftis37@gmail.com | **Website:** https://github.com/johnprif | **LinkedIn:** https://www.linkedin.com/in/johnprif/ |

Address: Greece (Home)

ABOUT ME

I am a person who likes to constantly learn new technologies and how to use them as well as solve problems using beautiful mathematics. I also like to communicate and collaborate with other people so that we can exchange ideas and make great things together.

WORK EXPERIENCE

2020 – 2022 Kiato, Greece
JAVA DEVELOPER SAITEC

I worked as a Freelancer for the company SAITEC (Cement industry automation) and developed a Java-JavaFX program that manages an MS Database with an easy-to-use graphical interface. It uses the MVC pattern. It is a complete windows application (.exe) and it is installed this and the necessary (JDK etc.) with an installer I developed.

Link https://github.com/johnprif/Database-Toolbox

2020 – 2023 Ioannina, Greece
PRIVATE TUTOR

I have worked as a private tutor teaching courses (e.g. Java, Python, Discrete Mathematics etc.) to students.

EDUCATION AND TRAINING

10/2016 – 04/2023 Ioannina, Greece
INTEGRATED MSC AT COMPUTER SCIENCE & ENGINEERING University of Ioannina

Address 45110, Ioannina, Greece | **Website** https://www.cse.uoi.gr/ | **Final grade** 6.52/10 |

Thesis Implementation of an Algorithm for the Calculation of the Smallest Enclosing Circle and the Voronoi Diagram in O(nlogn) complexity using efficient structures such as red-black balanced binary search tree, HashMap etc. Grade: 10/10

09/2017 – 11/2019 Greece
MARKETING CERTIFICATE LR Health & Beauty

Website https://www.lrworld.com/

06/2019 – 10/2019 Greece
MARKETING CERTIFICATE Grow Greek Tourism Online by Google

Website https://learndigital.withgoogle.com/digitalworkshop-el/course/digital-marketing

09/2012 – 07/2015 Kiato, Greece
HIGH SCHOOL DIPLOMA 1st High School

Address 20200, Kiato, Greece | **Website** http://1lyk-kiatou.kor.sch.gr/ |

National classification First in General Mathematics in the national examinations | **Number of credits** 19.9/20

LANGUAGE SKILLS

Mother tongue(s): **GREEK** | **ALBANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Java (JavaFX, Java Swing, Apache Lucene, MS Databases) | Python | C (OpenMP, POSIX threads) | CSS (in JavaFX) | SQL | Git, GitHub

ADDITIONAL INFORMATION

PROJECTS

Twitter search engine It is a search engine developed as part of the 'Information Retrieval' course and concerns twitter posts posted during the two-year quarantine. It has been developed with Java-Java Swing and also uses the Apache Lucene library. It allows the user to be able to type in a field the search term and see the results in the window just like in google divided into tabs as well as redirected to twitter in case he clicks on a result, he can also sort them by relevance, time etc. It uses the MVC pattern. It has easy-to-use graphical interface. The program is packaged in an .exe file.

Link https://github.com/johnprif/GoogleFromLidl

Text to Speech App The objective of this project is to develop an application (in Java-Java Swing) that allows to edit and transform documents to audio (using freetts library). The documents may be in various formats. Specifically the application supports at least Microsoft Word (.docx) and Excel documents (.xlsx) using Apache poi library. It uses Factory, Decorator, Facade pattern. For privacy and security reasons the contents of the documents may be encoded with different encoding mechanisms. The target users of the application may be people who have reading problems or visually impaired people. The application consists of a graphical user interface, a back-end that enables the text editing process and the part that transforms text to speech, which will be based on external text to speech libraries. The program is packaged in an .exe file.

Link https://github.com/johnprif/AdvancedText2SpeechApp

Latex Editor View It is a program (in Java-Java Swing) that helps the user to compose a text in Latex using some ready-made templates and editing the content appropriately, allowing him to save at different times and come back to them depending on which stratagem he has chosen. It uses Singleton and Factory pattern. Finally, it is given the possibility to load a Latex or Html file from the computer's file system and edit it and in addition it can save it in Latex format even in Html. The program is packaged in an .exe file.

Link https://github.com/johnprif/AdvancedLatexEditorView

Compiler It is a Compiler in python which has been developed in the context of the course 'Compilers' which takes as input a program which follows the grammar of minimal++ (C like language) and then is converted to C language which is finally converted to assembly and works normally like a normal programming language.

Link https://github.com/johnprif/Compilers

HOBBIES AND INTERESTS

Reading Books

Tennis

Cycling

Experimentation with technology

Problem solving