Nikolaos Dimitrakopoulos

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TECHNOLOGIES	DAY-TO-DAY USE		HAVE EXPERIENCED WITH
	• JavaScript	• Visual Studio Code	• Artificial Intelligence
	• HTML5/CSS3	• C#	• App Development
	• Node.js	• Python	• Building REST API
	• Java	• React.js	• Unity
	• Git (VC)	• P5.js	• Swing
	• HTML5/CSS3	• Photoshop	• Firebase
	• MySQL	• MongoDB	• Web Scraping

WORKING EXPERIENCE

Greek Parliament's Informatics Center, Athens - *Internship*

FEBRUARY 2019 - SEPTEMBER 2019

• Developed an Android app and a Website for Greek Parliament's Laws and Articles.

Developed a private Website and an Android app for storing and searching Laws of the Greek Parliament. The web application was made in React.js for front-end and communicated with Google's Firebase for storing all the data in JSON format. The android app was made in Android Studio using Java , which also communicated with Google's Firebase. The update of the data was async, in order for the new data to be instantly displayed on the screen.

• Developed an Android app and a Desktop application for counting and storing fixed assets.

Developed Desktop application using Java and Swing for the user interface and MySQL database for storing the data. The user completed some fields and scanned the barcode and the asset was transferred in the database. Also , it provided the ability of filter searching , adding and deleting. The same app was built for android using Android studio and Java , which also communicated with the same Database in MySQL.

EDUCATION

Department of Informatics , Tripoli, Greece - *Bachelor Degree (7/10)*

SEPTEMBER 2015 - SEPTEMBER 2020

Major of study : Computer Science

Courses : Algorithms and Complexity, Databases, Data Structure, UI, Advanced C, Embedded systems, Java, Web applications, System Security

2nd High School of Ilioupolis *(17.5/20)*

SEPTEMBER 2012 - JULY 2015

LANGUAGE SKILLS

English Certificate of Proficiency , Michigan

SEPTEMBER 2013

English Certificate of IELTS - *(7.5/10)*

JANUARY 2020

CONTESTS

Participated in IEEE 12.0 worldwide programming contest - 5th *place*

OCTOBER 2018

Participated in Athens Halloween Hunt a riddle treasure hunt - 1st *place*

OCTOBER 2019

ADDITIONAL INFORMATION

Hobies: Coding, Escape rooms, Movies, Editing, Directing, Writing, Athletics

PERSONAL PROJECTS

Developed an Android game for Google Play Store.

Developed a Riddle Game named "Riddle Up" using Unity and C#. It consists of 20 medium to hard levels and has currently 100+ downloads.

Developed an Artificial Intelligent Dino.

Developed an Artificial Intelligence Machine Learning Dino training application in P5.js using the algorithm NEAT (Neuro Evolution Augmented Topology) and JavaScript. The game resembles Google's famous Chrome Dino game, the twist is that the Dinosaurs are controlled by an AI that keeps learning to the point it "finishes" the game.

Developed a Personal Website.

Developed a Website featuring some information about me and show-casing some of my Web Projects.
The front-end framework is React.js and the back-end framework is Node Express.

Developed a REST API.

Developed a personal API I for fetching data about my Personal Projects using JavaScript node.js and MongoDB.

Developed an Android app for simulating a famous gambling game.

Simulated the Greek gambling game "KINO" using Android Studio (Java).

Developed a Web Scraper for automating repetitive tasks.

A web scraper made in Python 3.7 for fetching information from my University's e-secretary to get notified when the teacher releases the grade of the subject.

Developed and released an add-on for Mozilla-Firefox.

An add-on that changes the Facebook Interface according to my personal preferences.

Developed a visualization of a famous algorithm.

Developed a visualization of the Path Finding algorithm of Dijkstra using JavaScript and P5.js a JavaScript library for creative coding.