Alexandros Aristovoulos

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Favierou 43, 262 23, Patra, Greece

EDUCATION AND TRAINING

09/2017 – CURRENT – Patra, Greece
MASTER'S IN ELECTRICAL ENGINEERING AND COMPUTER SCIENCE – University of Patras

http://www.ece.upatras.gr/index.php/en/

WEB DESIGN AND WEB DEVELOPMENT (FRONTEND) – Open Technologies Alliance (GFOSS)

https://elearn.ellak.gr/?lang=en

DIGITAL SKILLS

Programming Languages

C | C++ | Python | Native Android Development (Kotlin, Java) | Assembly

Website Development

HTML5 CSS Javascript | Bootstrap | Wordpress

Graphing and Data Analysis

Matlab | Octave

Digital Design

Verilog

Microsoft Office

Word | Powerpoint | Excel

PROJECTS

Website about the Coronavirus (Group project)

https://cnc-wp1.ellak.gr/2020cAutumnProjects/StaySafeStayHealthy/ProjectGroup3Afternoon/StopTheSpread/
Final project submission for the web development course of Open Technologies Alliance (GFOSS). The website was designed, coded and uploaded in 10 days. I worked on the home and the news page. The total cases, deaths and recoveries cards in the news page are updated automatically and contain the newest numbers.

High amperage current control based on temperature (Arduino)

https://github.com/alex999ar/currentControl
A DHT22 temperature sensor was used to measure accurately the temperature in an expected range from -5 to +15 **°C** (from 268 to 288 K). An arduino board used the information from the sensor to control the state of a relay. Finally, an lcd panel displaying the current temperature reading from the sensor as well as the state of the relay was installed in order to ensure a smooth and user friendly experience.

Trading 212 stock portfolio (Python)

https://github.com/alex999ar/Trading212Portfolio
The goal of this project is to get your Trading212 portfolio, calculate your returns and show everything in a graph without having to log in to the Trading212 website. This is achieved by getting the order information from a provided csv and/or the gmail of the user and searching in yahoo finance for the current price of the stocks.

Desktop app for Trading 212 stock portfolio (Electron Python Flask)

https://github.com/alex999ar/Trading212DesktopApp
The goal of this project is to get your Trading212 portfolio, calculate your returns and show everything clearly without having to log in to the Trading 212 website. This is achieved by getting the order information from a provided csv and searching in yahoo finance for the current prices of the stocks. This is a more interactive version of the Trading212 stock portfolio designed to work on any os.

Face detection (Python)

https://github.com/alex999ar/FaceDetection
The program tracks faces in a picture or in a video and draws a rectangle around them. It is also able to identify the direction the face is looking and draws a different color rectangle around the forward, left and right looking face.

Calculate recurring expenses (Kotlin)

https://play.google.com/store/apps/details?id=com.alex999ar.subscriptionreminder
Android app that calculates the cost of given subscriptions in a daily/weekly/monthly/yearly basis. The user provides the subscription information and everything is saved in a database in the user's phone.

Random number generator (Kotlin)

https://play.google.com/store/apps/details?id=com.alex999ar.randomnumbergenerator
Android app that generates random numbers in a predetermined range and simulates the results of tossing dice or coins. Offers basic fuctionality like copying the generated results to the user's clipboard with the press of a button.

LANGUAGE SKILLS

Mother tongue(s): GREEK

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B2	B2	B2	B2	B2

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