Contact

Email ✉
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Linkedin in
Leonidas Ioannou

Website 🌐
My Personal Portfolio/WebSite

Education

October 2017 - June 2023
International Hellenic University

Department of Information and
Electronic Systems Engineering

Soft Skills

- Time management
- Critical thinking
- Organized
- Team player
- Patient
- Gentle
- Positive and uplifting attitude

Hard Skills

- orCAD - PSpice
- Java / Python / C
- JasperSoft Studio Reports
- Analog & Digital Circuits
- Linux / bash scripting
- PostgreSQL / SQL Developer (Oracle)
- Embedded Systems - IoT
- HTML - CSS - JavaScript
- MATLAB - SIMULINK
- Power Electronics and Renewable Energy Sources Circuits
- Servlets/JSP's
- Payara / WebLogic Servers

Languages

- Greek (Native Language)
- English (A fairly good knowledge of the English language)

Leonidas Ioannou

Information & Electronic Systems Engineer

I hold a Bachelor's degree in Information and Electronic Systems Engineering from the International University of Greece. Emphasizing the significance of organization for efficient time management, I actively engage in the exchange of information and knowledge with my colleagues, fostering a collaborative learning environment. Committed to continuous personal and professional growth through lifelong learning, my goal is to contribute meaningfully to my community and make a positive impact within my professional circle.

Experience

April 2023 - Present
NetU Consultants | Nicosia

Junior Full Stack Java Developer

Projects

Design and Implementation of an IoT System for Monitoring Biological Parameters for the Early Diagnosis of Pericarditis/Myocarditis in Long COVID Syndrome

November 2022 - June 2023

The project, initiated as a thesis within the University Department, involved studying, designing, and building an IoT system for monitoring critical biological parameters—electrocardiogram (ECG), oxygen saturation (SpO2), and body temperature. The primary objective was to enable early diagnosis of pericarditis and/or myocarditis, potential consequences of COVID-19 (Long COVID syndrome).
Utilizing LSTM-type neural networks trained in MATLAB, I successfully completed the implementation phase of the project. The system is now poised for application and further refinement based on feedback and real-world testing results.

Development and implementation of the functions of the system of the Cyprus Public Utility Commission.

May 2023 - December 2023

The project was the development of the existing system of the Public Service Commission of the Cyprus Democracy as well as the implementation of new functions from scratch.

Cyprus State General Lab

August 2023 - September 2023

I worked as IT support at the Cyprus State General Lab and as a programmer, implementing and troubleshooting reports and the system on which the project is based.

Seminars

Developing an IoT-based device from scratch

December 2022

A seminar organized by the Department of the University I attend in collaboration with the HAM Systems Company, on the topic "Development of an IoT-based device, from scratch". The seminar, as can be seen from its title, was based on the creation of a device from scratch, based on the Internet of Things. More specifically, the selection of sensors, the creation of a PCB board, the creation of a cloud, the molding to create a case for a device, as well as its marketing.