# 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.

## Contact


**Email**
leonidas.ioannou.iee@gmail.com

**Linkedin**
Leonidas Ioannou

**Website**
My Personal Portfolio/WebSite


## Education

October 2017 - February 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
- Servlets/JSP's
- Quick Learner

## Languages

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

## Experience

April 2023 - Present
NetU Consultants | Nicosia
**Junior Full Stack Java Developer**

July 2020 & July 2021
Mallouppas & Papacostas | Nicosia
**Warehouse Assistant and Furniture Repairs**

During my summer vacation period as a student in 2020 and 2021, I worked as a temporary member of staff for Mallouppas & Papacostas as a warehouse assistant and in furniture repairs in homes and companies.

June - August 2018 & June - August 2022
C & J IOANNOU LIMITED | Nicosia
**Laborer**

During my summer vacation period as a student in 2018 and 2022, I worked as a temporary member of staff for C & J Ioannou LIMITED as a laborer.

## 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

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.

## 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.