DeVry University Online Student Branch

Presents "How to Create an IoT System with Email Alert and Data Analysis and Visualization in Less Than one Hour"
By Dr. A. Omar & Dr. S. Jellouli
Thursdays, February 18th 2021, 7:00 pm CDT

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IoT Systems

There is an ever-increasing trend to have all sorts of electronic devices connected to the internet. Not too long ago, if one wanted to access the internet, you would need a computer to be able to do so. However, with the advent of cheap microcontrollers that are internet enabled, one can connect all sorts of devices in a simple and cost-efficient way.

This IoT system will leverage the ThingSpeak platform to create, in a record time, all sorts of fun, useful and practical systems.

DeVry university IEEE online Student branch proudly presents an IoT workshop.

The topics will be covered in the workshop:
- How to use an ESP32 as the heart of an IoT systems
- How to use ThingSpeak platform
- How to create email notifications for your IoT system
- How to enable data visualization for your system
- How to setup a ThingSpeak account and use it for your projects
- How to access your system from anywhere using an internet connection
- How to access your IoT system using your phone

Speakers' Bio:

Dr. Abdulmagid Omar has a Ph.D. in Electrical Engineering with concentration in Digital Signal Processing. He worked as a researcher at Missouri University. He worked as a DSP engineer for several years. He joined DeVry in 2002. He has won a scientific award that enabled him to do research in Germany for Siemens company. Dr. Omar has conducted workshops in the IoT field and is currently teaching in the engineering school of DeVry.

Dr. Saeed Jellouli has a Ph.D. in Electronics Engineering from Blaise Pascal University in France. He was awarded several scientific prizes by the French government for pioneering work in the behavior and modeling of electric arcs in the air. He joined DeVry as a full-time faculty in 1998. He has taught a wide variety of engineering and programming courses.