Mindluster Platform

About the course Embedded Systems Developer Tech

Embedded developers are skilled software engineers that design and write code to control machines and devices. They specialize in developing programs for specific hardware used in cars, modems, appliances, and cellular devices, among others.

Programming Category's Courses

Course Lesson(22)

Lesson 1 : **Running a Deep Learning Network on an FPGA to Detect Defects**

Lesson 2 : **Multicore Embedded Design**

Lesson 3 : **Top 7 Ways to Automate Your RTL Verification**

Lesson 4 : **Motor Control on Embedded Devices**

Lesson 5 : **Designing Software Architectures Using AUTOSAR Blockset**

Lesson 6 : **Modeling and Simulating Basic Software with AUTOSAR Blockset**

Lesson 7 : **Implementing a 5G Application on Xilinx RFSoC Using SoC Blockset**

Lesson 8 : **Adding MCU Peripheral Modeling in Motor Control Using SoC Blockset**

Lesson 9 : **Autotuning a Field Oriented Controller**

Lesson 10 : **Implementing a 5G Application on Xilinx RFSoC Using SoC Blockset**

Lesson 11 :
Design an HDL Optimized MVDR Beamformer with the Linear Algebra Library in Simulink

Lesson 12 : **Multicore Motor Control Using SoC Blockset**

Lesson 13 : **Using DDS Middleware with Simulink**

Lesson 14 : **Teaching Vibrations and Control Labs Online Using Simscape and MATLAB Apps**

Lesson 15 : **How to Debug a Property Proving Counterexample**

Lesson 16 :
Deploy a MATLAB Function as a Standalone Executable on Raspberry Pi Hardware from MATLAB Online

Lesson 17 : **Easily Check Data Types in MATLAB Functions and Objects**

Lesson 18 : **Hand Gesture Recognition Using Machine Learning on Arduino Hardware**

Lesson 19 : **Component Based Modeling in Simulink**

Lesson 20 : **Data Free Parameter Pruning and Quantization**

Lesson 21 : **Prototype FPGA Design on Hardware from the MATLAB Command Line**

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize

for Business Contact
business@mindluster.com