



3 Courses

Industrial IoT Markets and Security

Project Planning and Machine Learning

Modeling and Debugging Embedded Systems



University  
of Colorado  
Boulder

Dec 19, 2020

**ABDULLAH AL MAHMOOD**

has successfully completed the online, non-credit Specialization

# Developing Industrial Internet of Things

In this specialization, you will engage the vast array of technologies that can be used to build an industrial internet of things deployment. You'll encounter market sizes and opportunities, operating systems, networking concepts, many security topics, how to plan, staff and execute a project plan, sensors, file systems and how storage devices work, machine learning and big data analytics, an introduction to SystemC, techniques for debugging deeply embedded systems, promoting technical ideas within a company and learning from failures. In addition, students will learn several key business concepts important for engineers to understand, like CapEx (capital expenditure) for buying a piece of lab equipment and OpEx (operational expense) for rent, utilities and employee salaries.

Professor Adjunct,  
University of Colorado  
Boulder

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
[coursera.org/verify/specialization/URHJEQVTB598](https://coursera.org/verify/specialization/URHJEQVTB598)