



Hands-on Developer Workshop for Artificial Intelligence

Join us for a day of hands-on coding sessions in Artificial Intelligence, and Machine & Deep Learning. Experience a unique opportunity to test out the latest advancements from Intel, guided by experts from Intel and partners.

Explore the data science workflow for an image-classification problem based on a real-world enterprise example. Learn the best-known methods for configuring hardware and software to run your application, including Intel CPU's and the Intel® Movidius™ Neural Compute Stick.

Please bring your own – Intel®-based laptop¹. We will provide all required software and technology. Detailed technical requirements will be sent to registered attendees.

AGENDA**

08:00 - 09:00 Registration with light breakfast

09:00 - 17:30 Workshop with Hands-on coding sessions on your own laptop PC

17:30 - 18:30 Networking evening with drinks & snacks

Welcome & Introduction (15 mins)

AI on Intel® (45 mins)

Learn about Intel's latest developments in artificial intelligence.

SESSION 1: Maximizing Deep Learning Training on Intel® Architecture (2 hours, hands-on session)

In this session we show the techniques you can use to get best performance when training Deep Learning models on Intel® architecture. We look at the benefits of both training on your existing Intel-based infrastructure and training on the latest generation of Intel® Xeon® Scalable Processors. The results of this session – a trained model using Intel optimized TensorFlow* - will then be used in our second hands-on session.

SESSION 2: Efficient Model Deployment using Intel® OpenVINO™ Toolkit (2 hours, hands-on session)

Here we show how easy it is to optimize and deploy a trained model using the Intel® OpenVINO™ toolkit on a range of hardware. We also take a peek into the sample AI solutions that come packaged with OpenVINO™, and see how those could be leveraged for quick prototype building.

Meet the Developers – Stories of Success (45 mins)

Hear from one or more Intel partners about their experience in optimizing AI workloads using Intel® software and hardware solutions for AI. Hear about their paths to success, and their journey from initial prototyping to eventual production.

17:30: Casual Networking with Drinks & Snacks (1 hour)

Wrapping up an eventful day with an evening of drinks and wild discussions. Take this opportunity to networking with the other AI evangelists and learn more from their AI stories.

** Agenda is subject to change.

Food and beverages will be provided during the event

¹Preparation, configuration and usage of your laptop computer during the workshop is at your own risk. Please note that Intel cannot take on any responsibility for your hardware.