

MVTec Training Course: Deploying Deep Learning Applications with HALCON

Location: Training Room, 1st floor, 108 Myrtle St, Quincy, MA 02171

Date: Aug 23, 2018

Time: 9 am – 5 pm

Course fee: \$295

Max. no. of attendees: 10

Instructor: Agnes Weiershaeuser, Application Engineer, MVTec, LLC

Synopsis:

In this 1-day course attendees will learn how to develop a deep learning application with HALCON on a PC and deploy it on an NVIDIA Jetson board. The attendees will learn how to customize a pretrained Convolutional Neural Network to a specific application and optimize the recognition rate. The application will be tested on the Jetson board with live images acquired from an industrial GigEVision camera. The course will provide fundamental knowledge and practical skills for using deep learning successfully in industrial machine vision applications.

Topics covered:

- General introduction to HALCON
- Deep learning basics and applications in machine vision
- PC and embedded machine vision application development
- Camera integration on an embedded platform
- Training and inference in a custom application
- Deploying a deep learning vision application on an embedded platform

Prerequisites:

- Interest in using Deep Learning for machine vision applications
- Machine vision application development, programming or prior experience with HALCON is advantageous but not required



Registration Form

Please register me for the HALCON Training Course “Deploying Deep Learning Applications with HALCON” on Aug 23, 2018 in Quincy, MA.

Name: _____ Email: _____
Company: _____ Phone: _____
City, State _____

I hereby authorize MVTec, LLC to charge the course fee of \$295 to the following credit card:

Credit Card No.: _____ Exp. Date: _____ Security Code: _____
Name on Card: _____
Type: Visa MasterCard Discover American Express

Name (please print) Signature Date

Please email this form to sales@mvtec.us