

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read "Lars Hammarstrand".

Lars Hammarstrand

Assistant Professor, Signal processing,
Department of Electrical Engineering

Chalmers University of Technology

A handwritten signature in black ink, appearing to read "Maria Knutson Wedel".

Maria Knutson Wedel

Vice President for Education

Chalmers University of Technology

This is to certify that

Abdelrahman Ahmad

successfully completed and received a passing grade in

**ChM015x: Sensor Fusion and
Non-linear Filtering**

a course of study offered by ChalmersX, an online learning
initiative of Chalmers University of Technology.



VERIFIED CERTIFICATE
Issued March 28, 2019

VALID CERTIFICATE ID
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