

PROFESSIONAL EDUCATION

CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink that reads 'L Chrostowski'.

Lukas Chrostowski

Professor, Department of Electrical and Computer
Engineering

University of British Columbia

This is to certify that

Ameer Ibrahim Osman

successfully completed and received a passing grade in

**Phot1x: Silicon Photonics Design, Fabrication
and Data Analysis**

a course of study offered by UBCx, an online learning initiative of The University of
British Columbia through edX.



PROFESSIONAL EDUCATION
CERTIFICATE
Issued March 15, 2020

VALID CERTIFICATE ID
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