



# CERTIFICATE *of* ACHIEVEMENT

edX DelftX

A handwritten signature in black ink, appearing to read 'Arno Smets'.

**Arno H.M. Smets**

Associate Professor Photovoltaic Materials and Devices  
Faculty of Electrical Engineering, Mathematics  
and Computer Science  
*Delft University of Technology*

This is to certify that

## Matthew Gill

successfully completed and received a passing grade in

### ET.3034TU: Solar Energy

a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology through edX.

VERIFIED CERTIFICATE  
Issued December 11th, 2014

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