

VERIFIED

CERTIFICATE of ACHIEVEMENT

This is to certify that

Thorsten Hoffmeister

successfully completed and received a passing grade in

**UT.6.10x: Embedded Systems - Shape The
World: Microcontroller Input/Output**

a course of study offered by UTAustinX, an online learning initiative of University of Texas System.



THE UNIVERSITY
of TEXAS SYSTEM

A handwritten signature in blue ink that reads "James W. Pennebaker".

James W. Pennebaker

Executive Director of Project 2021 and
Regents Centennial Professor of Psychology

The University of Texas at Austin

A handwritten signature in blue ink that reads "Dr. Jonathan W. Valvano".

Dr. Jonathan W. Valvano

Professor, Engineering Foundation Centennial Teaching
Fellow in Electrical Engineering No. 1

The University of Texas at Austin

A handwritten signature in blue ink that reads "Dr. Ramesh Yerraballli".

Dr. Ramesh Yerraballli

Distinguished Senior Lecturer

The University of Texas at Austin



VERIFIED CERTIFICATE
Issued March 24, 2019

VALID CERTIFICATE ID
[9c91bc08797348e89aa150f65eadab6a](https://www.edx.org/cert/9c91bc08797348e89aa150f65eadab6a)

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**UT.6.20x: Embedded Systems - Shape The
World: Multi-Threaded Interfacing**

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VERIFIED CERTIFICATE
Issued May 5, 2019

VALID CERTIFICATE ID
4e37d912a85b4756856cca3794deefbe