

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read "Jianbo Shi".

Jianbo Shi

Professor, Computer and
Information Science

University of Pennsylvania

A handwritten signature in blue ink, appearing to read "Kostas Daniilidis".

Kostas Daniilidis

Ruth Yalom Stone Professor,
Computer and Information
Science

University of Pennsylvania

A handwritten signature in blue ink, appearing to read "Daniel D. Lee".

Dan Lee

UPS Foundation Chair Professor,
Computer and Information
Science

University of Pennsylvania

This is to certify that

**Shimbi Masengo Wa
Umba Papa Levi**

successfully completed and received a passing
grade in

**ROBO2x: Robotics: Vision
Intelligence and Machine
Learning**

a course of study offered by PennX, an online
learning initiative of the University of
Pennsylvania through edX.



VERIFIED CERTIFICATE VALID CERTIFICATE ID

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