Future
Learn

Certificate of Achievement

Elene Pitskhelauri

has completed the following course:

INTRODUCTION TO PHYSICAL COMPUTING
LANCASTER UNIVERSITY AND INSTITUTE OF CODING

This course explored what physical computing is, how it's changed over the years and what it's growing into. It explored the anatomy of physical computing and debated the ethical considerations of its applications. It also explored the creative uses of this technology and careers in the industry.

2 weeks, 2 hours per week

Joe Finney
Professor of Computer Science
Lancaster University

Lancaster University

institute of CODING

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STUDY REQUIREMENT
2 weeks, 2 hours per week

LEARNING OUTCOMES
• Explain the basic components of physical computing and its real world applications
• Explore the anatomy of physical computing
• Debate the ethical considerations of physical computing applications
• Explore creative applications of physical computing
• Identify how physical computing is used in the workplace and its associated job roles
• Discuss the future of physical computing

SYLLABUS
• Physical computing
• The architecture of a physical computing system
• The ethics surrounding physical computing
• Careers/pathways in physical computing
• What the Internet of Things (IoT) is