

Edoardo Mangia

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Education

BSc Industrial Engineering

University of Padua, Padua

2020 - 2024

- 01/A2 – GEOMETRY AND ALGEBRA, 9 ECTS
- 01/A3 - MATHEMATICAL ANALYSIS, PROBABILITY AND STATISTICS, 18 ECTS
- 01/A6 - OPERATIONS RESEARCH, 6 ECTS
- 02/A1 – EXPERIMENTAL PHYSICS OF FUNDAMENTAL INTERACTIONS, 15 ECTS
- 09/A2 - APPLIED MECHANICS, 9 ECTS
- 09/A3 – INDUSTRIAL DESIGN, MACHINE CONSTRUCTION AND METALLURGY, 15 ECTS
- 09/B1 – MANUFACTURING TECHNOLOGY AND SYSTEMS, 6 ECTS
- 09/B2 - INDUSTRIAL MECHANICAL SYSTEMS ENGINEERING, 9 ECTS
- 09/B3 - BUSINESS AND MANAGEMENT ENGINEERING, 49 ECTS
- 09/C2 - THERMAL SCIENCES, BUILDING PHYSICS AND NUCLEAR ENGINEERING, 9 ECTS
- 09/E1 - ELECTRICAL ENGINEERING, 6 ECTS
- 09/G1 - SYSTEMS AND CONTROL ENGINEERING, 9 ECTS
- 09/H1 - INFORMATION PROCESSING SYSTEMS, 15 ECTS

MSc Computer Engineering

University of Padua, Padua

2024 - in progress

Skills

Programming Languages: Python, Java, SQL, R

Tools:

- Python Libraries (TensorFlow, PyTorch, NumPy, SKLearn)
- Notebooks (Colab, Jupyter)
- Excel

Languages: Fluent in English

Projects

Individual Firm

- Developed small analytics applications in the "Meta for Developers" environment (Instagram, WhatsApp).
- Wrote machine learning algorithms using the TensorFlow library, for personal understanding of the subject.
- Started an individual firm buying and selling clothes, collecting archival clothing pieces.

Certifications

IELTS C1 (2019)