

PERSONAL INFORMATION



Eduard Antonovic Occhipinti

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 <https://github.com/eduardz1>

Date of birth 14 February 2001 | Nationality Italian

EDUCATION AND TRAINING

2023–TBD Master's Degree in Computer Engineering

TBD

Polytechnic University of Turin, Italy

2020–2023 Bachelor's Degree in Computer Science

110 cum laude

University of Turin, Italy

Experience Abroad Erasmus exchange at the University of Oslo, Norway

Here I followed an introductory course to the field of Artificial Intelligence and Machine Learning and did my internship at the research lab, which is the subject of my thesis.

Thesis Design and Development of the Digital Twin of a Greenhouse

In this thesis I talked about the concept of Digital Twin and its applications, about concepts related to the Semantic Web and introduced a novel programming language called **SMOL**, developed by researchers at the University of Oslo to help interfacing with Digital Twins. Then I talked about the project that was assigned to me and my colleagues to serve as a proof of concept for the language and build the basis for its usage on a larger scale.

PDF: <https://github.com/eduardz1/Bachelor-Thesis/blob/main/main.pdf>

Presented at SEAMS 2024:

<https://conf.researchr.org/details/seams-2024/seams-2024-artifact-track/5/GreenhouseDT-An-Exemplar-for-Digital-Twins>

2015–2020 Scientific High School

100

I.I.S. Curie-Vittorini, Italy

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
IELTS Academic – 8.0					
Russian	B1	A1	B1	B1	A1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
Common European Framework of Reference for Languages

- Computer skills**
- experience with Programming in C, C++, Java, Python, R, Haskell, Agda, ARM Assembly
 - experience with SQL, InfluxQL, SPARQL, MQL
 - good knowledge of Gradle and Makefile as build tools
 - experience with LaTeX and Typst
 - experience with 3D modelling in Blender
 - experience in Digital Drawing
 - competent with most Microsoft Office programmes
 - competent with most Adobe programmes and photo processing software
 - basic knowledge of AutoCAD

Driving licence B, AB