

Agostino Contemi

Date of birth: 2002 | Website: ago19pc.github.io

SKILLS

Coding

JavaScript | C | HTML | Java | MySQL | VHDL | C# | C++ | React | CSS | Tailwind | Matlab | Python (computer programming)

Other Tech

Blender | Microsoft Excel | Git | Microsoft PowerPoint | Vivado | Figma | Microsoft 365 / Microsoft Office

WORK EXPERIENCE

 UNIVERSITÀ SAN RAFFAELE – MILAN, ITALY

INTERNSHIP AT AI LAB – 2023 – 2024

Sourced and identified datasets from online and public repositories to support AI/ML projects.
Collected, cleaned, and preprocessed data to ensure accuracy, consistency, and usability for model training.
Developed and implemented machine learning models tailored to project objectives.
Optimized and fine-tuned models to improve performance, robustness, and accuracy.
Created and delivered final presentations summarizing results, insights, and discussion points to stakeholders.

PROJECTS

Java Game Development

Coded and deployed *Codex Naturalis*, a **Java-based 2D online card game**, ensuring maintainability, scalability, and adherence to clean code principles.Coded and deployed

MySQL Database design and implementation

Designed and implemented a MySQL database to allow fast data storage and retrieval for a festival organization

React App Development

Coded **front-end app in React** (JavaScript and TypeScript) for a local pizzeria

Crypto Post Quantum

Optimized SHA algorithms by leveraging SIMD/vectorized instructions on x86 and ARM architectures, writing performance-critical sections in assembly, and analyzing C and assembly code for further improvements.

EDUCATION AND TRAINING

2021 – 2024 Milan, Italy

BACHELOR IN COMPUTER SCIENCE ENGINEERING Politecnico di Milano

Website polimi.it | Final grade 100 | Level in EQF EQF level 6

2024 – 2026 Milan, Italy

MASTER IN AI FOR MEDICAL FIELD Università San Raffaele

Website univr.it | Level in EQF EQF level 7

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C2	C1
SPANISH	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user