

Giovanni Scialla

Researcher



Education



High School Diploma

"Alessandro Volta" Institute, Sassuolo, Italy



Bachelor's degree in Computer Engineering

Department of engineering "Enzo Ferrari", Modena, Italy

Courses and Achievements:

- Fundamentals of Programming
- Calculus 1 and 2
- Statistics and probabilistics
- Electronic devices
- Database management systems
- Operating systems
- Object-oriented programming
- Software Engineering
- Fundamentals of Telecomunication
- Automatic controls
- Machine Learning

2024 ↑ 2022

Master's degree in Artificial Intelligence Systems

University of Trento, Italy

Courses and Achievements:

- Fundamentals of artificial intelligence
- Machine Learning
- Deep Learning
- Image and video Processing
- Artificial and biological neural systems
- Computer Vision
- Advanced Computer Vision
- Robotics
- Natural language processing (NLP)
- Bio-inspired artificial intelligence
- AI for Finance
- Data mining

Grade: 110/110

Master Thesis: "Neu4Mes: Structured Neural Network Framework for Modeling and Control of Autonomous Systems" Awarded with the prestigious Italian FIS2 Grant for outstanding research contributions in autonomous systems. More details on my personal GitHub



Contatti



Email

giovanni.scialla1808@outlook.it

Telefono

+39 345 114 7233

Indirizzo

via Parigi 4 casalgrande (RE), Italy

Website

LinkedIn profile
GitHub



Skills

- Artificial Intelligence
- Natural Language Processing
- Deep Learning
- Computer Vision
- Machine Learning
- Python
- Pytorch
- C, C++, C#
- HTML, CSS, javascript
- PostgresSQL
- React Native
- Docker



Languages

Italian	Fluent
English	Fluent
Japanese	Basic



Work experience

2022

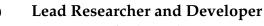
2021

Software Developer

Sacmi Forni and Filter Spa, Italy

- Data analysis.
- Software application development
- Customer service
- Software skills with C# and XML language
- Testing and deploiment

Now ↑ 2024



Department of Industrial Engineering, University of Trento, Italy

FIS2 Grant - Autonomous Systems

development of nnodely, an open-source Python framework that integrates physical principles and control theory into neural network architectures.

Website: nnodely

I agree to the processing of personal data provided in this document for realizing the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)