Luca Favano
Data Science Enthusiast

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Profile

Master's Computer Science and Engineering student with a passion for technology and good design, attracted by the future and charmed by the use of AI in the daily life. Expected to graduate in October.

Education

2017 - 2019   Politecnico di Milano
Master's Degree in Computer Science focusing on **Artificial Intelligence**, thesis on Fake News Detection applying Deep Learning based Natural Language Processing.

2017 - 2018   Tongji University Shanghai
Guest research period resulting in a Computer Vision thesis applied to quadcopters.

2015 - 2016   Tongji University Shanghai
Double degree program, discovery of a new culture, vision broadening experience.

2014 - 2017   Politecnico di Milano
Bachelor's Degree in computer science and engineering, filled with projects and activities.

Personal Projects

CLEF2019 – CheckThat! Lab:
Automated Fact Checking **international competition** where I obtained a second place out of 12 teams. I extensively applied Deep Learning architectures, such as pre-trained embeddings, to real-world problems.
Techs & Skills: TensorFlow, PyTorch, Python, Deep Learning, Keras, Pandas, NLP, Machine Learning

Sportivo Mobile App:
Cross-Platform mobile app developed using Expo and Firebase real-time DB. Local sport events management taken care from the business model to its implementation.
Techs & Skills: Expo, Firebase, React-Native, Cross-Platform, DB Management

Holosam Mixed-Reality Playground:
Mixed-Reality playground for kids with disabilities, developed for HoloLens with Unity. Presented to kids and enjoyed with them. Implementation of a solution to significant problems.
Techs & Skills: Unity, C#, JavaScript, Maya, 3D Models, Presentation, Communication

Quadcopter Image Recognition:
Computer Vision project in cooperation with an Automation Engineering student, real-time Image Recognition applied to a flying quadcopter. Built a working prototype as a team of two.
Techs & Skills: Computer Vision, Caffe, Python, Deep Learning, OpenCV, Image Recognition

Awards and Activities

- Obtained a **second bachelor's degree** in Computer Science at Tongji. Winning of a full scholarship.
- Participation in several **extracurricular** activities like Hackathons, Calls for ideas and Conferences.

Other Skills

Italian: Mother Tongue. **English:** Fluent (TOEIC 960). **Chinese:** Intermediate (HSK 4). **Japanese:** Beginner.
Determined. Insightful. Creative. Time Management. Communication. Leadership. Perfectionist. Practical.