

FRANCESCO BIANCA

MSc student in Computer Science

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EDUCATION

M.Sc. in Computer Science

La Sapienza Università di Roma

Mar 2019 – Mar 2021

B.Sc. in Computer Science

Università della Calabria

Sept 2015 – Dec 2018

High School Diploma

Liceo Scientifico Galileo Galilei Lamezia Terme (CZ)

Sept 2010 – Jul 2015

UNIVERSITY PROJECTS

SmartAula: Automating Student Attendances

Università La Sapienza di Roma

Classroom attendances collection system based on biometric systems (FaceRecognition and Fingerprint). The following technologies have been used: Python for FaceRecognition (TensorFlow and OpenCV), SpringBoot(Java) for backend, ReactJS for UI, PostgreSQL and Arduino for fingerprint recognition.

2048: A Deep Reinforcement Learning Approach

Università La Sapienza di Roma

Standalone player of 2048 using machine learning algorithms.

Object detection & Semantic segmentation

Università La Sapienza di Roma

Computer vision project applied to the PascalVOC dataset.

SmartPlace

Università La Sapienza di Roma

Home automation system implemented using: Arduino for sensors, Amazon Alexa for voice control, Android for mobile application, Java for backend, PostgreSQL and JS,HTML,Css for frontend.

MediaWiki: Security in Software Applications Project

Università La Sapienza di Roma

System vulnerability analysis according to the principles defined by OWASP.

MY LIFE PHILOSOPHY

"Sometimes it is the people no one imagines anything of who do the things that no one can imagine."

FIELDS OF INTEREST

Machine Learning and Deep Learning

Software Engineering

Big Data

Cloud Computing

Biometrics Systems

TECHNICAL SKILLS

Main Languages: Java, Python, C++, SQL

Other Languages: Android, Javascript, Perl

Development Platforms: Android, Windows, Linux, Unity3D

Other: AmazonAWS, Docker, OpenCV, Spring Boot, Maven, Gradle, TensorFlow, Keras, PyTorch, Eclipse, IntelliJ, PyCharm, Android Studio, ReactJS, Arduino, MySQL, PostgreSQL, Hadoop, Git, JUnit

LANGUAGES

Italian



English

