RAFFAELE GIANCOTTI

PROFILE

Computer and biomedical engineer with high training in the design, construction and control of biomedical tools and robotic arms. Experience in the design and construction of electronic circuits and control systems. High training and experience in medical devices. Excellent knowledge of programming languages for: datamining, database management, website creation, machine learning, deep learning, analysis of signals and biomedical images. Great predisposition to work in a team, great precision, attention to detail, excellent organizational skills and high resistance to stress.

CONTACTS

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3272907862

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ACTIVITIES AND INTERESTS

Artificial Intelligence, Industry 4.0, Programming, Robotics, Big data analysis, Data mining, Biosignals analysis

PUBLICATIONS

"A framework for clinical data integration and annotation for decision support", IEEE BIBM 2021 Workshop

PROFESSIONAL EXPERIENCES

Engineer
Magna Graecia University of Catanzaro
2019
Design and construction of a broadband ultrasonic transducer. Study of the resonance range of a piezoelectric material and of the frequency range in transmission and reception of ultrasonic waves.

Engineer
T.E.A S.A.S
2021
Design and implementation of an automatic system for the diffusion of perfumes. Management of the control of the same through Arduino with I2C protocol.

Engineer
Magna Graecia University of Catanzaro
2021
Design of an embedded acquisition and control system for assisting the visually impaired through NVIDIA Jetson (Artificial Intelligence).

EDUCATION

Bachelor's Degree in Computer and Biomedical Engineering
October 2019
Magna Graecia University of Catanzaro

Master's Degree in Biomedical Engineering (grade 110 with honors)
October 2021
Magna Graecia University of Catanzaro

MAIN SKILLS AND CHARACTERISTICS

- Problem solving
- Programming experiences with Python, Java, Javascriot, HTML, PHP, MySQL
- Flexibility
- Ability to work under stress
- Attitude towards new technologies
- Ability to find concrete answers quickly
- Good knowledge of the English language
- Excellent exposure skills