



Frenki Shqepa

Brief presentation

I'm currently pursuing a Master's degree in Electronics Engineering, with a particular interest on microelectronics, hoping to further study the working of electronic devices. In the future I'd like to use this knowledge in the health & wealth sector.

Personal informations

- Date of birth: 02/04/1999
- Place of birth: Fier (Albania)
- Nationality: Italy
- Address: Cremona, Italy, 26100

Contacts

- LinkedIn: <https://www.linkedin.com/in/frenkishqepa/>
- Telephone: +39 3248727860
- e-mail: shqepa23@gmail.com
- Personal website: www.frenkishqepa.com

Languages

- Mother tongue: ITALIAN, ALBANIAN
- Second language: ENGLISH (B2)

Interests

- Physics
- Technology applied to health & wealth
- Analog and digital electronics
- Computer science
- Artificial intelligence, machine learning and deep learning

Experience

EXECUTIVE SECRETARY (10/2020 - 10/2021)

IEEE Student Branch of Brescia

Head of Membership Committee

MEMBER (10/2019 - TODAY)

IEEE Student Branch of Brescia

- Contact person for the 'Seminars Project'
- Managing internal members
- Recruitment

Education

LM29 - MASTER'S DEGREE IN ELECTRONICS

ENGINEERING - MICROELECTRONICS

Università degli Studi di Brescia, 2022

Expected graduation date: 2024

Curriculum of Microelectronics

ESIPAP 2023 - EUROPEAN SCHOOL OF INSTRUMENTATION IN PARTICLE AND ASTROPARTICLE PHYSICS: ADVANCED LECTURES AND APPLICATIONS

ESI Archamps, Rhone-Alpes, France

February 2023-March 2023

Final mark (French grading system): 13.7/20

Final project proposal: Pixel Detector-Based System for Beam and Quality Monitoring in Hadron Therapy

L8 - BACHELOR'S DEGREE IN ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING

Università degli Studi di Brescia, 2018-2022

Graduation date: 19/10/2022

Final degree mark: 95/110

Curriculum of Electronic Instrumentation

Awards

FIRST PLACE (JUNE 2021)

2021 IEEE INTERNATIONAL WORKSHOP ON METROLOGY FOR INDUSTRY 4.0 & IOT - WEARABLE DEVICE CHALLENGE

- With my colleague, we developed a fall detector based on artificial intelligence.

Link to the challenge: bit.ly/shqepa-wdc

LOCAL FIRST PLACE (OCTOBER 2021)

NASA SPACE APPS CHALLENGE - SECTION OF BRESCIA

- With my colleagues, we proposed an alternative solution to pyro-bolts, currently used for detaching spacecraft parachutes. The project went to global judging.

Link to the challenge: bit.ly/shqepa-spaceapps

Link to the project: bit.ly/Shqepa-nasa



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Awards

THIRD PLACE (SEPTEMBER 2022)

World Cansat Rocketry Championship

- With my teammate, we designed a CanSat for monitoring air quality.

Link to the competition: bit.ly/shqepa-wcrc