

Luca Brodo

brodo25@gmail.com · +39 3276718881

Lippstadt, NRW

EXPERIENCE

- **Hamm-Lippstadt University of Applied Science**
Student assistant - Lippstadt
Developer of a remote (virtual) embedded systems test environment
May 2021- May 2022
- **Siemens**
Working Student System Architect – Karlsruhe
Designer of one of a top-class gas analyzer for industrial development while testing their new workflow
May 2021- August 2022
- **Sogei**
Junior IT Agent – Rome
Application Tester, Data analysis and database management
November 2020-November 2021
- **Siemens**
Intern System Architect – Karlsruhe
Development of a Domain Specific Language to be used in their RD department and
May 2021- August 2022
- **Hamm-Lippstadt University of Applied Science**
Student assistant - Lippstadt
Developer of the electronics and responsible for the Human-machine interaction of a prototype of a self driving vehicle
September 2019- March 2020

EDUCATION

- **B.Eng. Electronic Engineering, Grade: 1,1**
Hamm-Lippstadt University of Applied Science
Highest average in my course of study. Focus on Embedded Systems and System Engineering. The main subjects include Micro-Controllers, Control Engineering, Software engineering, Model- Based System engineering, Embedded and Distributed Systems.
2018-2022

References

References are available on request

SKILLS

- **Technologies**
Python, C,C++, Tensorflow, UML and SysML, UP-PAAL
- **Patterns & Practices**
Object Oriented Programming, Advanced knowledge in model-based System Engineering, Machine Learning, Ai, Deep Learning, Data Science, Data Analysis
- **Personal Skills**
Exceptional team worker with experience in highly challenging and international teams. Excellent time management and organizational skills
- **Languages**
Italian C2, English C1, German C1

PROJECTS

- **Analysing the Characteristics of Neural Networks for the Recognition of Sugar Beets**
Bachelor Thesis

AWARDS

- Winner of the AFS scholarship in DLF Public School, Ghaziabad, New Delhi (India) in 2016
- Winner of the AFS scholarship in Serpentine Jarrahdale Grammar School, Perth (Australia) in 2015
- Winner of the AFS scholarship for 2 months in the University of Maryland, College Park (USA) in 2014

HOBBIES & INTERESTS

- Driving License Class B
- Journalist with official Italian license
- Volunteer in the international office of the University Applied Science Hamm-Lippstadt
- Volunteer for the “Dipartimento della Protezione Civile”.