


Antonio Bernardini

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EDUCATION

Tor Vergata University: Computer Engineering Student (Robotics and Automation) Rome, IT

IIS Enzo Ferrari Technical Institute: Electronics and Electrical for Automation Rome, IT

COURSEWORK

Courses: Algorithms & Data Structures, Linear Algebra, Calculus, Physics, Probability & Statistics, Electronics and Electrical Engineering, Control Systems Design, Operative Research, Signal Theory, Operating Systems, Robot Kinematics, Control of Production Systems.

PROJECTS

Cosmic Dust | *HTML, CSS, Javascript, GitHub, Google Cloud*

- Deployment: <https://cosmicdust.space>
- Open Source Code: <https://github.com/AntonioBerna/cosmic-dust>

Automated Parking | *C++, Python, Arduino Mega, Raspberry, Telegram Bot, GitHub*

- Open Source Code: <https://github.com/AntonioBerna/automated-parking>

SKILLS

Languages: Python, C, C++, MATLAB, \LaTeX , HTML, CSS, Javascript, SQL, Rust, Swift

DevOps: Git, GitHub, Docker, Heroku, AWS, Pythonanywhere, Linode, Google Cloud

Embedded: Arduino, Raspberry, ESP32, NI Multisim, Fritzing

Automation: TIA Portal

Robotics: ROS & ROS2, Webots, Gazebo

Frameworks: Django, Flask, Bootstrap

Operative Systems: macOS, Windows, all Linux distributions

Database: PostgreSQL, MongoDB

Virtual Machines: VirtualBox, QEMU

Audio/Video Editing: Audacity, OBS Studio, Kdenlive

HOBBIES

Manage my [YouTube Channel](#)