



Greta Gasbarrone

WORK EXPERIENCE

[15/09/2017 – 15/06/2018]

Astronomy Assistant

Planetarium Livio Gratton

City: Rome | Country: Italy

- Held interactive lessons on several astronomy topics
- Strengthened public speaking and organizational skills

EDUCATION AND TRAINING

[24/10/2021 – 13/03/2024]

Master Degree in Mechanical Engineering

Sapienza University of Rome

City: Rome | Country: Italy | Final grade: 110 Cum Laude | Thesis: A Leader-Follower Control Scheme for Cooperative Transportation using Humanoids

Relevant courses: Mechatronics and Vibrations, Mechanics of Robot Manipulators, Vehicle System Dynamics, Control Systems, Multivariable Feedback Control, Underactuated Robots & UAVs, Fluid Machinery

[15/10/2019 – 11/10/2021]

Bachelor Degree in Mechanical Engineering

Sapienza University of Rome

City: Rome | Country: Italy | Final grade: 110 Cum Laude | Thesis: Fluid Film Lubrication: Reynolds' Model and Application to Elementary Kinematic Pairs

[15/09/2013 – 10/06/2018]

High School Diploma

Liceo G.B. Grassi

City: Latina | Country: Italy | Final grade: 100 Cum Laude

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

LaTeX | Arduino | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access

Programming Languages

Python | C++ - basic

CAD Software

Solid Edge | Fusion 360

Simulation Platforms

Simulink | Adams | MATLAB

PROJECTS

Automobile Active Tilt Control

Robust H-infinity control of a vehicle equipped with active suspensions to increase ride comfort when cornering and reduce the chance of rollover

2R Manipulator

CAD design, 3D printing and programming using Arduino of a small-sized planar manipulator

Wall-mounted document holder

CAD design (Solid Works) of a wall-mounted steel document holder and definition of its production process involving bending and laser cutting operations

la sottoscritta dichiara di essere consapevole che il presente curriculum vitae sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 26.

Latina, 19/07/2024