




**Luigi  
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Date of birth: 02/02/1990


Nationality: Italian

Gender: Male

## CONTACT

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## EDUCATION AND TRAINING

### Scientific High School Diploma

Liceo Scientifico E. Amaldi

<https://www.lsamaldi.it/>

### Bachelor's Degree in Electronic and Telecommunications Engineering

Politecnico di Bari

<http://www.poliba.it/it>

**2021 – CURRENT**

### Master's degree in Automation Engineering

Politecnico di Bari

<http://www.poliba.it/it>

**05/05/2022 – CURRENT**

### Post-Graduate Research Fellowship: "Best Possible Path"

D&C Lab (Politecnico di Bari)

Research activities concerning rerouting algorithms for AGVs and LGVs in automated warehouses.

<http://dclab.poliba.it/it/home-it/>

### Publication: "An MPC-based Approach for the Feedback Control of the Cold Sheet Metal Forming Process"

D&C Lab (Politecnico di Bari)

<http://dclab.poliba.it/it/home-it/>

### Matlab Optimization Onramp Certification

Mathworks

<https://it.mathworks.com/>

### Project Work: "Dynamic Modeling of an Underwater Vehicle Manipulator System"

Politecnico di Bari

<http://www.poliba.it/>

### Project Work: "Functional Design of a Crab-Like Hexapod Robot"

Politecnico di Bari

<http://www.poliba.it/>

### Project Work: "An MPC-based Approach for the HVAC Feedback Control and SARS Prevention"

D&C Lab (Politecnico di Bari)

<http://dclab.poliba.it/it/home-it/>

### Project Work: "Personnel Management Optimization"

Politecnico di Bari

<http://www.poliba.it/>

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italiano

**OTHER LANGUAGE(S):**

Inglese

**Listening**  
B1

**Reading**  
B1

**Spoken  
production**  
B1

**Spoken  
interaction**  
B1

**Writing**  
B1

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## DIGITAL SKILLS

Matlab & Simulink / Python / VHDL / LaTeX / C / C++