



## PERSONAL CONTACTS

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- Online portfolio: [zioCristia.github.io](https://zioCristia.github.io)
- GitHub: [github.com/zioCristia](https://github.com/zioCristia)

## PERSONAL PROFILE

My education as well as my multinational experience have allowed me to develop a great spirit of collaboration, curiosity and a desire to get involved.

I am addicted to face new challenges and find solutions to them. I would like to put my programming skills as well as my creativity to your profit.

## PROGRAMMING LANGUAGES

- Java, C++, Python, NodeJS
- HTML, CSS

## TECHNOLOGIES

- REST APIs, MySQL, Git, Jira, Eclipse, Hibernate, Maven
- Postman, AspectJ, Docker

## LANGUAGES

- Italian: mother tongue
- English : C1, TOEIC 965/990
- French: fluent

## HOBBIES

- Reading, movies, tennis
- Cycling: I did the tour of Brittany in six days for 600km

# CRISTIANO BICCHIERI

## SOFTWARE ENGINEER

### PROFESSIONAL EXPERIENCE

#### Backend engineer

engIT | October - present

- Creation and deployment of a server from scratch for a new web application
- MySQL database, REST APIs, NodeJS server
- User and admin login authentication

#### Backend engineer - 6 months internship

DPS - Digital Product Simulation | Mars 2022 - present

- Backend developement of a collaborative engineering web application
- Use of Java 8 with Hibernate, Maven, AspectJ, Rest APIs, MySQL
- Bug fixing, feature development and security aspects
- Use of Jira and GitLab

#### Mechatronic engineer - 4 months, curricular activity

ISAE-Supmeca | October 2020 - January 2021

- Creation of a software to perform autonomous surface inspections with a 6-axis UR10 robot from Universal Robots.
- Use of Python inside Spyder

### PROJECTS

#### Creation of a server to automate IoT Devices

Link GitHub : <https://github.com/zioCristia/energy-saver-ha-automations>  
Installation of a Linux server on an Intel NUC to manage home IoT devices thanks to Home Assistant installed via Docker.

#### 3D Java Renderer

Link GitHub : <https://github.com/zioCristia/3DJavaRenderer>  
A 3D Java Renderer created to simulate the 3D space dispositions of packages inside a truck in order to optimise them. Capability of rotating the view with the mouse.

### FORMATION

#### ISAE-Supmeca

Mechatronics Engineer, MSc | Oct 2020 - present

Erasmus Double Degree Project with the Polytechnic of Turin

#### Turin Polytechnic

Aerospace Engineer, MSc | Sept 2019 - present

Mechanical and fluidodynamic design engineering

Aerospace engineer, BSc | Sept 2016 - Oct 2019

Thesis in "Calculation of the lift distribution of swept wings" through the design of a Matlab program.