



# Sasmitha Livera

*Computer science student*

## CONTACT

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### WEBSITE

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## SKILLS

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- TypeScript
- JavaScript
- C++
- Python(Pandas , Geopandas)
- Java
- SQL / SQL Server/ MongoDB/ Azure
- Html/ Css / Bootstrap
- Internet Protocol (IP)
- Api development
- Web development
- Microsoft office(Word, Excel, Powerpoint)
- Node JS
- Angular
- Git/ GitHub/ GitLab/ GitPod / Docker
- Flask
- Google Auth
- React
- Unity
- Flutter
- AWS
- Google Cloud

## /. PROFILE INFO

I am an ambitious computer science student specializing in automation, machine learning, SQL, Python, web development, and robotics. My curiosity extends to emerging fields such as IoT and XR. At Luigi Galvani, I am dedicated to honing my skills and knowledge in computer science. In addition to my academic pursuits, I find joy in activities like biking and naturally programming!

Driven by a passion for creating meaningful solutions, I actively seek opportunities to utilize my coding skills for positive impact.

## /. EDUCATION

2024/25 - present

University Of Parma, Italy

### Bachelor's Degree in Computer Science - Part Time

Gaining comprehensive knowledge in computer science and technology, focusing on technical and professional skills. The program prepared me for a quick transition into the workforce, with all graduates employed within a month. Developed a solid foundation in Information and Communication Technology (ICT) and its various applications, following high national and international standards.

2018/19 - 2022/23

High School - Informatica

### Istituto di Istruzione Superiore Luigi Galvani

I am proficient in Informatica (Computer Science), involving the comprehensive understanding of designing, programming, and leveraging computers to process and transfer information. The practical applications of computer science are vast, extending to numerous sectors of daily life. These include scientific research, economic and financial studies, industrial process automation, and computer gaming.

## /. RELEVANT COURSEWORK

2023 - I am currently enrolled in the CS50 course, a highly regarded computer science program offered by Harvard University. It covers a wide range of foundational topics in computer science, including programming, algorithms, data structures, and more.

2021/2023 - Cisco Networking Academy Course [CCNAV7]

provide a comprehensive understanding of networking concepts and technologies. It covers topics such as network fundamentals, routing and switching, IP addressing, network security, and more.

2023 - [IBM] Introduction to Web Development with HTML5, CSS3, and JavaScript

This course aimed to provide a solid foundation in web development using essential technologies such as HTML5, CSS3, JavaScript, and GitHub.

## LANGUAGES

Italiano   
English 

## PASSIONS

### Passion for Problem Solving:

I enjoy finding efficient solutions to complex technical challenges, especially in software development and algorithm optimization.

### Passion for AI and Machine Learning :

I'm fascinated by how AI can transform industries and am eager to explore machine learning models and data analytics.

### Love for Web Development:

I enjoy building and designing functional, responsive websites using modern technologies.

## SOCIAL

 [www.sasmithalivera.com](http://www.sasmithalivera.com)

 [/sasmithalivera](https://github.com/sasmithalivera)

 [sasmitha livera](https://www.linkedin.com/in/sasmitha_livera)

## /. PROJECTS

### Mobile Game - Asteroid Orbit

<https://www.gameixstudio.com/asteroid-orbit>

An intergalactic adventure game where players navigate through asteroid fields, collect coins and diamonds, and unlock new planets with unique environments. Implemented gameplay mechanics such as swiping for movement, dodging enemies, and customizable skins. Focused on creating an engaging user experience with dynamic challenges and unlockable features.

Technologies used: Unity Game Engine, C Language.

### Gameix Studio - Own Gaming Company

<https://www.gameixstudio.com/>

Gameix Studio is a mobile gaming company dedicated to delivering immersive and high-quality gaming experiences developed by me.

### Sasmitha Livera - Personal portfolio

[www.sasmithalivera.com](http://www.sasmithalivera.com)

This portfolio showcases my expertise in automation, machine learning, and web development. It features my technical projects, professional experience, and skills in Python, JavaScript, SQL, and web development frameworks. Serving as an online resume, it highlights my passion for problem-solving, web design, and game development, along with links to my gaming company and various projects.

### MediCare - Healthcare nearby

MediCare is a web application that provides a comprehensive directory of doctors in Italy for each region. The application includes both frontend and backend development, with MongoDB serving as the database.

The primary objective of the application is to help users find suitable healthcare providers in their area.

### SchoolExams[XYZ]-Project

Web application for teachers to manage exams and schedules. Features secure login, course selection, and table page for adding, updating, and deleting exam information. Dockerized to enable easy deployment and scalability. Uses Flask server and Nginx for server communication. Simplifies exam management for teachers.

## /. EXPERIENCE

### 1. Crew Member, McDonald's

1 year

- Provided excellent customer service in a fast-paced environment.
- Operated cash registers and handled transactions.
- Collaborated with a team to ensure smooth operations.
- Developed time management and problem-solving skills.

This highlights key transferable skills like teamwork, communication, and efficiency, which are valuable in any field.

## /. AVAILABILITY

Available

