



ABOUT ME

Master's Graduate in Computer Science | HCI Researcher | UI / UX Designer & Researcher |

I am a master's Graduate in Computer Science from the Sapienza University of Rome. I am working as a Research Assistant at the Sapienza University of Rome, focused on the field of Human Computer Interaction and its multiple disciplines. The key areas of research are Smart Parking, Earthquake Early Warning Systems & XR Design and Research.

WORK EXPERIENCE

Research Assistant

Sapienza University of Rome [01/05/2021 – Current]

City: Rome

Country: Italy

Research work is primarily conducted on Smart Parking and its related technologies, conducting extensive Literature Research on Smart Parking Systems and developing new Smart Parking Applications contributing to the research work.

Another area of Research Work is conducted on "SeismoCloud" which is a warning system for earthquakes (Earthquake Early Warning – EEW) based on a low-cost seismometers' network. SeismoCloud is made by smartphones and IoT sensors and is a community network about the tracking of seismism whose goal is an Early Warning, i.e. an immediate alert to the citizens of an earthquake area.

I am also involved in the Planning, Design, and Testing of the "**Scatti.Premialita**" website, which is a services web platform for the Sapienza University benefit. At the moment, the project deals with the development of three distinct platforms:

- A web page to allow the reporting of the working hours of the language expert consultants of the university (i.e. "Collaboratori Esperti di Lingua - CEL") (CEL sub-project);
- A web page to allow university professors to request a salary step (i.e. "scatto stipendiale")(Scatti sub-project);
- A web page to allow professors to request a salary reward (i.e. "premialità")(Premialità sub-project).

Social Media Manager

Enjoy Rome [01/2020 – 09/2020]

City: Rome

Country: Italy

As a Database Manager, I was responsible for maintaining the company's custom CRM, which is used in Tourism related sales settings, data entry, monitoring, and maintaining customer details as well as planning, implementing, managing, and monitoring the company's CRM Database.

As a Social Media Manager, my job role was to plan, implement, manage, and monitor the company's Social Media strategy to increase brand awareness, improve marketing efforts and increase sales.

Research Intern

PMWorldLibrary.net [04/2017 – 07/2018]

City: Rome

Country: Italy

PM World is a virtual organization reflecting the 21st-century reality of a connected world where individuals and organizations worldwide can collaborate to create, share, and apply new knowledge.

During the Internship, the main objective was to implement and operate multiple research studies in areas like Human-Computer Interaction & Information Systems. Throughout the internship, I was searching for appropriate Research Papers in the above mentioned fields and writing reviews for these papers so that they can be added into the digital library.

Network Operations Center Technician

IKO Media Group [12/2017 – 03/2018]

City: Rome

Country: Italy

Managing, Maintaining, and Handling the datacenter and the networking devices as well as Initiating and Resolving Incident Management tickets for Hardware and Software malfunctions were the main tasks of my job.

EDUCATION AND TRAINING

Master's in Computer Science

Sapienza University of Rome [25/09/2016 – 18/01/2021]

Website: <https://www.uniroma1.it/it/>

Based on the projection of population growth, the ever-growing demand of transportation and its related services is a research area that needs attention. My Master's thesis was on the topic, Smart-Parking solutions for Intelligent Transport Systems. In the thesis, we analyze the existing academic research published between the years 2018 and 2019 on the topic "Smart Parking", categorize the findings and give our perspective on the topic which could be helpful for future research.

We talk about three categories in this literature review, which are the existing smart parking research is divided into. They are Information Collection, System Deployment and Service Dissemination. All the academic papers that we found are divided into these categories and underlying sub-categories with our analysis as a conclusion for each category. This study on Smart Parking can give developers and researchers an idea of current innovations and research technologies.

Bachelor's Degree in Computer Science

Andhra University [2009 – 2013]

Address: 530003 Visakhapatnam (India)

Website: <https://www.andhrauniversity.edu.in/>

The Bachelor's in Computer Science course covers every facet of the IT and software industries. The syllabus delves into every aspect of computers to improve the critical thinking skills of each student. As Undergraduate Student, we were taught Computer Programming, Programming Concepts and Mathematical Foundations of Computer Science. Some other key Technologies taught were -

Working with Data Structures, Operating Systems, Embedded Systems, Data Mining, Computer Networking, Database Management Systems & RDBMS.

LANGUAGE SKILLS

Mother tongue(s): **Telugu**

Other language(s): **English - C2 | Hindi - B2 | Italian - A2**

DIGITAL SKILLS

Front-end Developer / Information Technology / Web Development HTML 5 CSS JavaScript / UI / UX Designer / HCI / Machine Learning / Python / Figma - full working proficiency / Application Designer / Web Designer

CONFERENCES AND SEMINARS

AVI 2022: Proceedings of the 2022 International Conference on Advanced Visual Interfaces

[Frascati, Rome Italy, 06/06/2022 – 10/06/2022]

Reviewer for the poster papers track for **AVI 2022** - [AVI 2022 \[6-10 June 2022\] - Committees \(google.com\)](#)

Actively participating in the **organization** of the conference **AVI 2022** (Advanced Visual Interfaces) scheduled between 6th to 10th June 2022.

Link: <https://dl.acm.org/doi/proceedings/10.1145/3531073>

IEEE Symposium on Visual Languages and Human-Centric Computing - VL/HCC 2022

[Rome, Italy, 12/09/2022 – 16/09/2022]

Collaborating with the publicity chair of **VL/HCC 2022** - [VL/HCC 2022 \(researchr.org\)](#)