Emanuele Ferrari

DATA SCIENTIST

Profile

I'm a third-year Data Science student seeking a stimulating internship.

I've successfully executed projects in *Classification*, *Network Analysis*, *Data Visualization*, and *Recommendation Systems* during my studies.

I'm proficient in *Python* and *R*, utilizing libraries like *Pandas*, *NumPy*, *Plotly*, *SciPy*, *Scikit-learn*, *Networkx*, and *Dash*, among others. I have hands-on experience with *SQL* and basic knowledge in *C#* and *HTML/CSS*.

I have worked across Europe as a sound engineer and network technician, collaborating with international teams and managing client relations.

Education

BSc in Data Science, AI and Digital Business, GISMA University of Applied Science, Potsdam

SEPTEMBER 2021 — PRESENT

In my first year, I established a solid foundation in Python programming and delved into Industry 4.0 to grasp its landscape and key business challenges. Then, my studies transitioned from understanding the "why" to focusing on the "how" to implement machine learning and data-driven solutions, including manipulating Big Data, querying databases, and utilizing popular ML related libraries and techniques.

GPA 97/100

Relevant courses:

Python Programming, Data Structures & Algorithms, Artificial Intelligence and Machine Learning, Data-Driven Strategic Decision Making, Data Mining, Databases & Big Data, Statistics, Digital Transformation and Project Management.

For the complete list, check the transcript of records.

Sound Design and Sound Engineering Certificate
NAM Nuova Audio Musicmedia Nam Nuova Audio Musicmedia, Milan

SEPTEMBER 2015 — JUNE 2016

Professional Certification in Sound Engineering and Sound Design.

Data Science Projects

My projects' portfolio is available at: https://emanueleferrari92.github.io

- Italy Net Trade Visualization
- Video Game Recommendation System
- Western United States Power Grid Analysis
- Client Classification Using RF and Logistic Regression

Details

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Links

Data Science Projects Portfolio
Linkedin
Github
Transcript of records
C# Udemy Certification
Audio related certifications

Coding

Python

R

SQL

C#

HTML/CSS

Libraries and Software

Pandas, Plotly, Seaborn, Sklearn, Spacy, Networkx, Tableau, Unity

Languages

Italian

English

Spanish

Skills

Communication, presentation, analytical thinking, lateral thinking, adaptivity, proactivity, team player and team leadership, quick decision-making, problem-solving

References

From the Rector, Professors and former Employees on request

Employment History

Network Technician - iCobus, Berlin

FEBRUARY 2022 — PRESENT

Serving as primary contact representing the UK-based company and managing client relationships across Berlin and Europe.
Oversaw end-to-end project management, from site inspection cost estimation to leading on-site teams.
Installed and maintained server hardware for large office spaces while ensuring detailed network documentation.

AV Technician - Freelancer, Brescia (Italy)

NOVEMBER 2020 — AUGUST 2021

Serving as a representative for the contractors in client interactions, effectively managing client relationships, and ensuring excellent service delivery.
Managed AV projects across Northern Italy, from site inspection to equipment setup and led on-site teams.

On-Site Technician - Aztec Event Services, London

OCTOBER 2019 — OCTOBER 2020

Delivered technical support for the setup of audio, video, and light installations for both office spaces and live events.
Highly commended for effective client-facing and relationship management.
Recognized for problem-solving capabilities, adapting quickly to change, and efficiently resolving issues.

Technical Supervisor – Santo Stefano Resort, Sardinia (Italy)

MAY 2019 - AUGUST 2019

Led the technical restructure of AV and lighting, saving 20% on budget.
Train the team for diverse show performances.
Design and set all the AV areas implementing different technologies, including AoIP.
Setting milestones, supervising the project, and reporting weekly progress to the direction.

FOH audio engineer and Light designer - Dal Dosso Food & Entertainment (Montichiari, Italy)

SEP 2017 - APR 2019

Perform audio and light design for dinner shows and musicals in-site and off-site.
Working with the art director and performers to become familiar with their vision.
Discuss the script to analyze the project requirements for lighting and audio.
Design floor plans and roof plans for audio and light for off-site events and train the assistant to perform on-site shows without supervision.

- Freelance Audio Engineer and Light Designer - Multiple Italian and Swiss Audio Services (North Italy and Switzerland)

FEBRUARY 2014 - APRIL 2019

Planning audio and light for shows of different natures.
Discuss the script, analyze the technical needs and find solutions for every project.
Leading small teams of technicians to install and operate various shows.
Logistics for multiple projects.