DANILO GIARLINI

SOFTWARE DEVELOPER

Passionate and detail-oriented software developer with 3+ years of frontend experience in app development. Skilled and knowledgeable in Javascript frameworks for web development, Python libraries and data analysis tools.

CONTACT

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EXPERIENCE

ANIMATE WEB
Rome, ITALY: Jun 2019 - Present

Task and responsibilities:

- Build and maintain a modern single-page application used for restaurant reservations (Node.js, MongoDB, React.js).
- Maintain a single-page application used to gather and show information about local museums (Express.js, React.js).
- Build an e-commerce web application (Typescript, React.js)
- Build small CRUD applications (Node.js)

EDUCATION

DATA ANALYTICS BOOTCAMP
Berlin, GERMANY: Jan 2023 - May 2023

Skills acquired:

- Exploratory data analysis using Python libraries (Pandas, NumPy) and MySQL
- Data wrangling and cleaning, API building, web scraping
- Build, evaluate and deploy Machine Learning models and pipelines (Scikit-Learn)
- Inferential statistics in Python and business intelligence (KPIs)
- Data visualization (Tableau, Plotly, Seaborn)

Projects:

- Time-series analysis on future carbon emissions
- A study on stability in smart power grids: An ML-based predictive approach
- Spotify-based "song recommender" implemented through web scraping, API building and machine learning algorithms.

PHD IN NEUROSCIENCE
Université de Lausanne, SWITZERLAND

Worked for one year in the laboratories of the Université de Lausanne in Switzerland, focusing on feeding behaviour in animals and diabetes development. I didn't complete the PHD but during this valuable experience I had the chance to focus and sharpen my skills in data analysis and statistics using Python analytical frameworks and libraries.

MASTER'S DEGREE IN NEUROBIOLOGY
Sapienza University of Rome, ITALY

BACHELOR'S DEGREE IN BIOLOGY
Sapienza University of Rome, ITALY

During my bachelor, I was involved in the organization of laboratory activities for mandatory courses, coordinating 25+ students per week.

HOBBIES AND INTERESTS

Having a past in academia, I love social events where I can meet new people from different backgrounds and discuss about interesting topics in depth.
For three years, I was part in a local volunteering group in my hometown in Italy involved in organizing events and activities for a small community.
Curiosity and desire to learn are two of the main values in my life, and I spend a lot of time reading books about psychology and neuroscience.