Aldo Montinaro

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Summary

Student attending the MSc in Data Science and Business Informatics at the University of Pisa, with a bachelor's degree in Physics and Advanced Technologies from the University of Siena. I did an internship at Diesse Diagnostica Senese, working on statistical analysis and implementation of artificial intelligence algorithms for ESR measurement. After a course in web development with ASP.NET technologies, I worked as an Associate Developer at Softjam S.p.a., deepening my training in Azure and ASP.NET Core. I am determined, methodical and able to work in a team.

Work experience

Associate Developer - *SoftJam S.p.A.*   Jun 2023 - Oct 2023
Junior Developer, technologies: C#, ASP.NET Core, Entity Framework, SQL Server, Microsoft Visual Studio

Research & Development Intern - *DIESSE Diagnostica Senese S.p.A.*   Aug 2022 - Oct 2022
- Development of C++ interfaces for statistical analysis of data produced by an automated system for ESR (Erythrosedimentation Rate) measurement;
- Study of statistical indicators (maximum likelihood criteria) for the optimization of a DAQ (data acquisition system) dedicated to ESR measurement;
- Development of artificial intelligence algorithms for identification and correction of abnormal kinetics of ESR;
- Results: optimal light selection for laboratory analysis based on statistical criteria; high performance of mismeasured sample classification and regression for ESR calculation.

Front-office - *Università di Siena (Giovanisì)*   Oct 2021 - Jun 2022
150 university hours for the Presidio San Niccolò library: support in managing the study place reservation system, phone calls and emails, in-person interaction with customers, helping management identify and solve problems in the workflow. Part of the Tuscany Region's Giovanisì project for youth autonomy (www.giovanisi.it).

Education

Master's Degree program in Data Science and Business Informatics - *Università di Pisa*   2023 - Present

Bachelor's Degree in Physics and Advanced Technologies - *Università di Siena*   2019 - 2023
Thesis: "VES: intensità di luce ottimale e algoritmi di intelligenza artificiale"

University projects

- Spotify Tracks Dataset - Project for the Data Mining exam (University of Pisa); GitHub: github.com/aldomontinaroam/DM1-UniPI-Project
- Shiny dashboard - Project for the Strategic and Competitive Intelligence exam (University of Pisa). Link: montinaroam.shinyapps.io/SCI_BS_24/; GitHub: github.com/aldomontinaroam/genai_tourism
- Web crawling - Individual project for the Strategic and Competitive Intelligence exam (University of Pisa). GitHub: github.com/aldomontinaroam/trustpilot_crawl

Languages

English - B2 (FCE)

Achievements

First prize: Data Science Talent Week - VGen (vgen.it/it/data-science-talent-week)

Skills

Python	Teamwork
SQL	Communication
R	Critical Thinking
MS Office	Problem Solving

Badges: aldomontinaroam.github.io/bestr_unisi_badges.github.io/