Thomas Rosso

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EXPERIENCE

BidPremium SRL Apr. 2021 – Apr. 2022
Software/AI Engineer | Computer Vision & AI Specialist Udine, Italy

- Led the development and improvement of AI-driven software for defect recognition in production systems, improving detection accuracy.
- Designed and implemented an API server for AI-based card grading systems, enabling automated and scalable solutions.
- Spearheaded data collection and dataset creation, ensuring high-quality training data for AI and machine learning models.
- Developed software to digitize information from paper into structured, actionable data for manufacturing workflows.
- Collaborated with cross-functional teams to deploy solutions, enhancing production efficiency.

R.D. Service Feb 2016 - Apr 2016, Feb 2018 - Apr 2018
Electronic Technician Udine, Italy

- Installed and configured electronic devices, providing technical support to clients.
- Developed strong communication skills through direct customer interaction.

KEY PROJECTS

Wine Price Prediction in Italy: Developed time-series models using ARIMA and Logistic Regression. Analyzed results for real-world applications.

For more detailed project descriptions and additional work, explore My Portfolio or visit my GitHub.

EDUCATION

Università degli Studi di Padova (UNIPD) Sep 2022 Present
M.Sc. in Data Science Padua, Italy

- Specializing in Machine Learning, Big Data, and Artificial Intelligence.
- Focus on engineering, statistics, and data-driven decision-making.

Università degli Studi di Udine (UNIUD) Sep 2018 Apr 2022
M.Sc. in Data Science Padua, Italy

- Multidisciplinary course covering computer science, data structures, algorithms, and human-computer interaction.

Instituto Superior Técnico (IST) Sep 2023 Jun 2024
Erasmus Exchange Program Lisbon, Portugal

- MGained experience in cross-cultural teamwork while specializing in Data Science and Big Data Analytics.

SKILLS

Languages : Python, Java, C++, R, JavaScript, PHP, MySQL, PostgreSQL, HTML, Node.js
Frameworks & Libraries : PyTorch, TensorFlow, OpenCV, NumPy, Sklearn, Flask API, React (Basic), Django (Basic)
Tools & Software : Git, AWS, Jupyter Notebook, VS Code, Pycharm, LaTeX, Microsoft Office
Data Science Techniques : Machine Learning, Statistical Analysis, Data Visualization, Time Series Analysis
Languages : Italian (Native), English (Proficient), Spanish (Basic)