STEFANO **FACCHINI**
Computer Scientist | Data Scientist

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Data Science student attending Aalto University. Currently enrolled in the last year of Master Programme, my past experiences are focused on Machine Learning, Big Data management and Web Services Design.

Education

2020-2022	**EIT Digital Master School** Double Degree Master Programme in Data Science and Minor in Innovation and Entrepreneurship
2021-2022	**Aalto University, Finland** Second year of Master Degree in Data Science
2020-2021	**University of Twente, The Netherlands** First year of Master Degree in Data Science
2017-2020	**University of Trento, Italy** Bachelor Degree in Computer Science

Work Experience

June 2020 – November 2019 — Cybersecurity Analyst Intern, Bruno Kessler Foundation, IT
- Web vulnerabilities analysis and Software Developer at the "Security and Trust" Unit of the research center Bruno Kessler Foundation, TN (Italy)
- Thesis developed on this work, evaluated 29 out of 30

Java | Penetration Testing | SAML SSO

February 2016, June 2015 — Hardware technician, Servonet Snc, IT
- Technical support for private users and companies about hardware and network solutions

Data Recovery | Network Management

Projects

June 2021 – March 2021 — Identify predictors and build a model to predict Cancer Fatigue, University of Twente, NL
- Development of a ML model to predict the relevance of different features in the fatigue experienced by cancer patients

R | ML Regression Model | Random Forest | Bioinformatics

January 2021 – November 2020 — Discovering Patterns in Wikipedia Using Revision History, University of Twente, NL
- Fetching of the Wikipedia edit history and handling it with PySpark
- Development of metrics and algorithms to predict which pages will be more likely to be modified in the future

Python | PySpark | Big Data | Cloud Computing | Predictive models

November 2020 – September 2020 — Predict Surgical Case Duration for CT Procedures, University of Twente, NL
- Using Predictive Modelling Techniques to Predict Surgical Case Duration for Cardiothoracic (CT) Procedures. Visualization of the results with Tableau.

R | Regression and Classification | Data Visualization | Bioinformatics | Tableau

Competences

Programming languages	C / C++, Java, Python, MySQL, JavaScript, R, Batch Scripting
Data Science	Data analysis (Python and R) and ML libraries (Numpy, Pandas, Sklearn and Torch)
Docker and Kubernetes	SW Virtualization and management of networking and storage
Web Services and APIs	Java (Spring) and Python (Flask)
Database and Big Data Management	MySQL and the PySpark Framework (Python)
Teamwork skills	Acquired participating in several Hackathon competitions and Google HashCode (2017, 2018, 2019)
Comfortable in International environment	English C1 certified by TOEFL, Italian as Native Language