**Silviu Filote**

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**Education**

# [I.T.I. G. Marconi](https://itisdalmine.edu.it/)

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**I.T.I. Guglielmo Marconi - Dalmine (BG)** September 2013

Upper secondary technical institute, computer science and telecommunications

**University of Bergamo, bachelor’s degree** September 2018

Computer science engineering,

* Data Science Project: Cryptocurrencies analysis using machine learning
* Software engineering project: Comparison between leasing and long-term rental of cars
* Statistics and Stochastic Models project: air quality analysis (pollutants)
* Statistics II: Analysis of Historical Time Series
* Bachelor degree project: time series analysis of the most influential cryptocurrencies and application of a neural network for value prediction

**University of Bergamo, master’s degree** September 2022

DSDE (Data Science and Data Engineering)

* Advanced programming project: Java, C, C++ and Haskell projects
* Statistical learning project in R: Analysis of Graduate Admission dataset
* Spatiotemporal analysis: applying DCM and HDG models on the traffic recorded in Salt lake city
* Time series vs machine learning models: testing 2 different approaches on the Agrimonia dataset
* Adaptive learning, estimation and supervision of dynamical systems: projects related to statistical literature and
* Optimization project: banana quality classification using convex, lipschitz e smooth theorems
* PAC
* Formal languages and compilers:

**Technical skills**

|  |  |  |  |
| --- | --- | --- | --- |
| * Machine learning | * HTML, CSS, JS | * Haskell |  |
| * Deep learning | * Java | * Spatiotemporal Analysis |  |
| * Statistical learning | * C, C++, C# | * UML |  |
| * Data science | * Python | * Testing |  |
| * Artificial intelligence | * Matlab | * PHP |  |
| * Github | * R | * Evolutionary Computation |  |

**Professional Experience**

**Ak informatica** Azzano San Paolo (BG) - ItaliyAssociate – stage August 2016

* Configuring and building desktop computers
* Customer service
* Sales assistant
* Warehouse management

**Comac kegging, bottling & canning plants** Bonate sotto (BG) - Italy

IT support specialist August 2017

**Interests and activities**

|  |  |  |
| --- | --- | --- |
| * Photography | * Travelling | * Gaming |
| * Anime | * Technology | * Machine learning |
| * Gym | * Problem solving | * Music |

**Certifications**

* Level 1 Certificate in ESOL International - CEFR Level B2.1 29 July 2016
* Youtube: Gilbert Strang lectures on Linear Algebra (MIT) November 2023
* Udemy course: Python bootcamp from zero to hero August 2023
* Udemy course: Complete Time Series Data Analysis Bootcamp in R November 2023
* Udemy course: Machine learning A-Z: AI, Python & R + ChatGPT
* Udemy course: The web developer bootcamp
* Udemy course: Master English Grammar - Advanced Level