MARCO SELVA

Data Analyst & Software Developer

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EDUCATION

Studies in Computer Science Engineering   **Politecnico di Milano**

📋 Done 70% of CFU (90% of computer science lectures) but not graded   🗓 2015-2020

Projects:
- Hypermedia course project. Developing a full stack website in vanilla Javascript + HTML + CSS. (Repository) ⬈
- Software Engineering course project, a Java client-server app emulating a Board game (Repository) ⬈

Studied and lived in Milan from 2015 until 2018, since 2019 I have been focusing on self-employment, done 70% of CFU (90% of computer science lectures) but not graded. I am committed to complete my studies in the coming years.

WORK EXPERIENCE

Self-Employed Partner, Sport and Financial Trader, IT Chief   **Tortuga Found**, IT, Alicante ES, MALTA ⬈

</> [Node.js] [Express.js] [Angular] [Python] [Python] [JavaScript ES6] [OS admin] [Network sys] [Adobe CC]   🗓 2018 – Feb 2023

- Live sports trader with over 2,000 hours of experience
- Specialized in sport betting and financial trading.
- Served as the IT Chief Administrator, overseeing all IT operations
- Managed server platforms and various applications, ensuring seamless 24/7 live sports trading on Betfair Exchange and access to Brokerage platforms (IBKR API, Metatrader, Quantconnect).
- Successfully executed more than five thousand trades and reported also more single bets (both in sports ⬈ and finance), conducting thorough intensive data analyses
- Developed software solutions in JavaScript (Express + Angular web App) and Python (Bot, data crawler, task automation, data analysis, data refactoring)
- As a self-employed developed soft-skills like time management, communication, and cooperation with in a small team.

Achieved a **x30 return** on private initial capital in 4 years. Committed to the job, lived and worked with two colleagues in Italy, Spain during COVID years and in Malta in 2022.

Employed at Rifugio la Vasca   **Craveggia, VB**, Waiter and Restaurant Administrator

</> [Google ADS] [Meta Advertising] [Adobe CC] [Wordpress]   🗓 2013 – 2018 / 2023 - current

- Undertook all range of responsibilities within the restaurant, including kitchen duties, table service, and overall restaurant management
- Administered the cash register, handled payments, and managed interactions with suppliers and accounting, maintained effective communication with customers
- In 2023, developed the restaurant's website ⬈ and administered social media and Ads campaigns for online presence

SKILLS

Programming Languages

</> [JavaScript ES6] [TypeScript] [Python] [Java] [C]

Web Technologies

</> [Angular v16] [React] [Node.js] [Express] [REST API] [SpringBoot] [Fastify] [Django]

Data analyst

</> [MongoDB / non relational DB] [ETL] [PostgreSQL SQL DB] [Power BI]

Technologies

</> [Postman] [Adobe Suites] [Networking and Server management] [CD/CI] [Docker] [Linux] [Data Processing]

Trading and Finance

</> [Metatrader] [IBKR API] [ProReal time] [Easy Language] [Advanced Knowledge about Financial Futures and Options]

Courses

</> [Adobe CC] [Google] [Java]

- Adobe Photoshop ⬈ Advanced Espero [Milan 2017]
- Full Stack ⬈ : Angular and Java Spring Boot E-Commerce Website [Udemy 2020]
- Angular Fundamentals ⬈ : Created by Google Expert [Online 2023]

- Angular Evolution [↗] : Created by Google Expert [Online 2024]
- Foundations: Data, Data, Everywhere [↗] : This course is part of Google Data Analytics Professional Certificate [Coursera 2024]

Committed to ongoing skill development through relevant courses, open to travel for learning, actively seeking a highly skilled Lead Tech for mentorship and gaining valuable experience.

SIDE PROJECTS AND HOBBY

Home Automation   **Domotic and Energy Optimization**

`</>` HomeAssistant | Coding | Networking | Docker   ⓖ homeAutomation

Personal website in Angular and Fastify   **Full stack web app**

`</>` Angular v17 | TypeScript | Fastify | Pocketbase and SQL | Bootstrap and Material UI | Git   ⓖ kitoAi

Spreadsheet maniac   **Side Projects**

`</>` Excel | Google Spreadsheet | Google API | STEM | Python and Scripts | OS admin   ⓖ spreadsheetManiac

From a young age, I've enjoyed solving real-world problems using spreadsheets in first order and with some coding, showcasing my skills in various projects:
- I compiled a detailed report on Solar Production [↗] and weather data for my home since 2011.
- Developed a range of calculators, from simple converters to more complex tools complex tools [↗]
- Since 2019, I have systematically track my financial investments, income and expenses, and my net worth.
- A lot of Arduino [↗] projects

DJ and electronic music enthusiast   **WakeUp**

`</>` FL Studio | Rekordbox | Audio / Video

Played in various local venues and festivals in the area. From 2015 to 2018, self organized with few friends more than 30 musical events in my region under the brand WakeUp.