



Stefano Gavioli

DATE OF BIRTH:
26/03/1996

CONTACT

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WORK EXPERIENCE

16/10/2020 – 30/04/2021 – Maranello

Software engineer intern

Swisslog Italia

Comparison and prototyping of Business Intelligence technologies (PowerBI and ELK) within an automated warehouse software product for the master thesis

26/11/2018 – 23/05/2019 – Maranello, Italy

Software engineer intern

Swisslog Italia S.p.a.

- J2EE
- Weblogic
- JUnit
- JPA
- JCOMs
- WMS

/ <https://www.swisslog.com/> / Via Piero Taruffi 30/38, 41053, Maranello, Italy

EDUCATION AND TRAINING

2015 – 23/10/2018 – Via P. Vivarelli, 10, Modena, Italy

Bachelor Degree in Computer Engineering

Università degli Studi di Modena e Reggio Emilia

Conoscenze acquisite:

- C
- Java
- Python
- Elementi di progettazione del software e design pattern
- SQL
- Conoscenza di base del Sistema Operativo Unix, scripting Bash
- Elementi di Reti di Calcolatori
- Esperienza base nella creazione di contenuti web dinamici con Servlet, JSP, JSTL su server Apache Tomcat
- Elementi di Elettronica
- Elementi di Fisica Tecnica, in particolare per il raffreddamento.
- Elementi di Economia ed Organizzazione Aziendale

Progetti:

- *Gestionale per attività ristorative* (Giugno-Luglio 2017)
- Progetto in team con un altro studente
- Java Based
- Architettura Client/Server
- Client
- Desktop con interfaccia basata su javaFX
- Richieste mediante metodi GET, PUT, POST, DELETE di HTTP
- Server
- Database PostgreSQL
- Interfaccia REST
- *Machine Learning for Entity Resolution*
- Python
- Machine Learning
- PCA
- T-SNE
- NN
- RNN

Field(s) of study

- Information and Communication Technologies

106 Machine Learning for Entity Resolution EQF level 6 www.ingmo.unimore.it

09/2018 – CURRENT – Via P. Vivarelli, 10, Modena, Italy

Master Degree in Computer Engineering

Università degli Studi di Modena e Reggio Emilia

- Software Engineering:
- GANTT, CPM, FP
- Agile methods, XP, SCRUM
- Machine learning e Deep Learning:
- Unsupervised
- Supervised
- Reinforcement
- C++
- Multimedia data processing
- text, images, video and audio compression methods..
- Cloud services
- Elements of business management and organization
- Distributed systems
- Computer Vision
- JavaScript
- Python
- Django
- Security

Field(s) of study

- Information and Communication Technologies

EQF level 7 www.ingmo.unimore.it

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

SOCIAL AND POLITICAL ACTIVITIES

26/04/2019 – CURRENT

Political Activities

Modena

Took part in signature gathering activities and organized several events in the Modena Province and Regional Area. Created a regional campaign website with WordPress. Managed the technical part of several live events on facebook.

End of year event organizing

Organized the whole organization with short staying (2-3 days) at the end of year for 2 consecutive years (2018-2019) for an average of 90 persons.

HOBBIES AND INTERESTS

• Music

I play piano and French Horn in the local community band. Playing with a group taught me team work to reach a shared objective.

• Gym

I have been going at the gym for the last year or two, to keep healthy my body, especially considering my activities that are for the major part sedentary.

• Gardening

I take care of a little group, ten, bonsai. Since last summer (2019) I started a small vegetable garden in my backyard.

• Travelling

Whenever I can I try to travel in a new place. I love to discover new culture and different way to see the world.

• Video Making

I enjoy creating video content. From my travel trying to transmit the same emotions I felt, but also shorts, some of which produced for local festivals

PROJECTS

• Drivers Manager Project

Car sharing application made and conceived in different moments with a group of 3 people.

Backend: Django

Frontend web and mobile app: React e React Native.

Anth Path Oriented Car allocation algorithm