MATTEO SILVESTRO

I'm a passionate but down-to-earth developer with a mathematician's mindset.

❈ https://matteosilvestro.com — ✉ matteosilvestro@live.it

Experiences

▲ Full-Stack Developer
Gorgias
05/2023–now

Working on the phone infrastructure of the helpdesk in an international team.
- ◆ Led the reshaping and improvement of how voice calls are displayed and handled inside tickets
- ◆ Implemented several essential features such as call transfer and call listening/whispering
- ◆ Contributed to the creation and expansion of voice analytics, a dashboard based on ClickHouse and CubeJS
- ◆ Developed frontend features following Figma designs, including a dynamic sound wave icon to display while talking

| Flask | Postgres | ClickHouse | Google Cloud | Kafka |

◉ Backend Developer
Casavo
05/2021–05/2023

Worked on real estate related services in a small team as a leading figure.
- ◆ Led the whole process of design and development of a platform to manage property sales
- ◆ Developed a microservice for image enhancement
- ◆ Worked closely with our users to understand their needs and create a better product tailored for them
- ◆ Run experiments and worked in an iterative and incremental way to adapt to a fast changing market

| PHP | FastAPI | AWS | Postgres |

◉ Python Backend Developer
Oval Money
03/2020–04/2021

- ◆ Contributed to design and implementation of a moneybox feature, refactoring and improving old code during the process
- ◆ Improved and updated the support chat service integration, analyzing and solving bugs

| Pyramid | SQLAlchemy + Alembic | Postgres |

Education

◉ Master's degree in Stochastics and Data Science
University of Turin — 110L
09/2015–04/2018

Thesis on clustering of interactive stories, *Computer-Assisted Evaluation of Story-Driven Interactive Storytelling Systems*.

Modern education in probabilistic, statistical and computational methods.

◉ Bachelor's degree in Mathematics
University of Turin — 110L
09/2012–10/2015

Thesis on AI applied to a non-deterministic turn game, *MCTS and videogames: an application for Pokémon Contest Spectacular*.

Courses of Algebra, Probability and Statistics, Analysis, Geometry.

◉ High school diploma
I.I.S.S "Gianfrancesco Cigna" (Mondovì) — 100
09/2007–07/2012

Skills

Languages
■ ■ ■ ■ ■ Italian
■ ■ ■ ■ English
■ ■ Japanese
■ ■ Spanish
■ Romanian

Backend technologies
■ ■ ■ ■ ■ Python
■ ■ ■ Postgres
■ ■ AWS

Frontend technologies
■ ■ ■ HTML/CSS
■ ■ ■ TypeScript
■ ■ ■ React

Videogames
■ ■ ■ ■ Unity/C#

◉ **System Administrator**
Consoft > Intesa Sanpaolo
03/2019–02/2020

Developed and maintained a suite of tools to
manage Qlik Sense and NPrinting clusters.

PowerShell		Qlik

◉ **Application Developer**
Consoft > Intesa Sanpaolo
03/2018–02/2019

Implemented a new feature according to user
requests, with a usable and nice interface.

Java		HTML/CSS		Javascript