# Silvia Giammarinaro

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## EXPERIENCE

- **Veeva Systems** — Berlin, Germany
  *QA analyst, Link Key Accounts* — *Feb. 2023, present*
    - **Analysis**: Maintain, improve and automate KPIs and reporting
    - **Data engineering**: Automate data processes and improve data modelling
    - **Quality assurance**: Ensure data compliance across all product features

- **mytheresa.com** — Munich, Germany
  *CRM Data Analyst, Junior and intern* — *Mar. 2022 – Feb. 2023, Sep. 2021– Mar. 2022*
    - **Analysis**: built business-oriented analyses to grow specific regions and brands and developed quarterly customer insight reports delivered to the biggest luxury brands in the world. Analyses made using R, Power BI and Excel.
    - **Machine Learning**: created segmentation and identity stitching algorithms to improve customer targeting. The programming languages used are Python and R with libraries numpy, pandas and sci-kit learn.
    - **Data engineering**: renovated the data warehouse infrastructure to improve performances and reliability, maintained and updated daily ETL processes. The infrastructure is based on SQL databases.
    - **Leadership**: product owner for a project with external brands, coordinating 2 other analysts to follow a strict roadmap to respect all the deadlines.

- **Politecnico d Torino** — Turin, Italy
  *Teaching Assistant* — *Oct. 2020 – Jan. 2021*
    - **Course**: Machine Learning for Vision and Multimedia using Python, Keras and Tensorflow.

- **SAN srl** — Collegno, Italy
  *Junior Software Engineer* — *Sept. 2019 – Sept. 2020*
    - **Software development**: renovated app for monitoring work-shift in a hospital in Turin with 1k+ employees.
    - **User Experience**: prepared prototypes and led usability tests with the client to respect all user's need.
    - **Data engineering**: switched from a no-SQL database to a SQL one improving data storage and performances.

- **SAN srl** — Turin, Italy
  *E-health Intern* — *Mar. 2019 – May. 2019*
    - **Web development**: developed a medical record web-application with Ruby on Rails, helping doctors and nurses record all patients' data. This is currently being used by 2 hospitals in Piedmont with 300+ patients.

## EDUCATION

- **Politecnico di Torino** — Turin, Italy
  *Master of Science in Data science and engineering; GPA: 3.8, Grade 109/110* — *Oct. 2019 – Dec. 2021*
    - **Thesis**: Exploiting background knowledge for scene graph generation with Logic Tensor Networks

- **Politecnico di Torino** — Turin, Italy
  *Bachelor of Science in Computer engineering* — *Oct. 2016 – Aug. 2019*

## PROJECTS

- **Machine Learning Torino Politecnico, founder**: Data science student team
- **AWS Innovate - AI/ML edition**: Talks and lab sessions about using AWS for Machine learning projects
- **Easy Peasy Robotics Competition, first place**: Workshop held by Istituto Italiano di Tecnologia about Computer Vision, CAD and PID controller using C++ and Yarp

## PROGRAMMING SKILLS

- **Languages**: Python, R, SQL, Ruby, C, Java        **Technologies**: AWS, GCP