

Ilaria Battiston

16.01.1998 — Munich, Germany

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Education

- **Research Assistant, Database Architectures** **Centrum Wiskunde & Informatica**
July 2022 – present
Amsterdam, The Netherlands
- **M.Sc. in Data Engineering and Analytics** **Technical University of Munich**
October 2019 – June 2022
Munich, Germany
- **B.Sc. in Computer Science** **Università degli Studi di Milano-Bicocca**
September 2016 – July 2019
Milan, Italy

Internships

- **Amazon Europe GmbH** **Luxembourg, Luxembourg**
March 2021 – July 2021
Business Intelligence Engineer for Aircraft Management
- **GITC Pro** **Remote work**
January 2020 – April 2020
Postgres Database Administrator
- **Consorzio Milano Ricerche** **Milan, Italy**
October 2018 – July 2019
Healthcare Data Analyst

Professional experience

- **Università degli Studi di Milano-Bicocca** **Remote work**
July 2020 – September 2020
University Tutor for students with disabilities
- **WikiToLearn** **Remote work**
February 2019 – September 2019
Community Manager

Scholarships and student programs

- **Deutschlandstipendium** **Munich, Germany**
September 2019 – September 2021
Scholarship for extracurricular activities and good academic performance
- **Google Summer of Code 2020** **Remote work**
May 2020 – September 2020
Student Developer for PostgreSQL
- **Google Summer of Code 2019** **Remote work**
May 2019 – September 2019
Student Developer for PostgreSQL

Extracurriculars and volunteering

- **Student Representative (Technical University of Munich)** **Munich, Germany**
May 2021 – June 2022
Semester speaker for the program of Data Engineering and Analytics
- **Google Summer of Code** **Remote**
May 2021 – present
Organization admin and mentor for PostgreSQL
- **ITPug - Italian Postgres User Group** **Remote**
September 2020 – present
Board member (Treasurer) and conference organizer

- PostgreSQL Europe, PostgreSQL US

Remote
 June 2019 – present
- Conference organizer, Call for Papers Committee member, Code of Conduct Committee member
- UnixMiB (Open Source students organization)

Milan, Italy
 April 2017 – present
- Administrative Committee Member

Publications

- Association for Applied Statistics

ASA Conference 2019, book of short papers
 September 2019
- A Data Analytics framework: medical prescription pattern dynamics

Speaker experience

- Introduction to Artificial Intelligence

Milan, Italy
 October 2019
- Linux Day 2019
- Exploratory analytics and Health Big Data on PostgreSQL

Milan, Italy
 October 2019
- PGConfEU 2019
- A Data Analytics framework: medical prescription pattern dynamics

Brescia, Italy
 September 2019
- ASA Statistics for Health and Well Being 2019
- Machine learning approaches for prescription patterns analytics

Milan, Italy
 February 2019
- Data Science and Social Research 2019

Languages

- Italian: mother tongue
- English: C1 level (TOEFL, 2019)
- French: B1 level
- German: B2 level
- Dutch: A2 level (in progress)

Programming skills

- Advanced SQL, query optimization, database administration basics with PostgreSQL
- Design and implementation of data pipelines (ETL, Redshift)
- Database-oriented paradigms and infrastructures (AWS, SPARQL, Spark)
- Non-relational databases basics (Neo4j, Redis, MongoDB)
- Unix-based systems knowledge (Red Hat certifications RH024, DO080, DO007)
- R for data analysis, tidying, visualization and machine learning
- Python for scripting, data analysis and API development (Django, Django-Rest)
- Web development (Javascript, Vue.js)
- Office and LibreOffice suite
- Version control systems (Git, SVN)
- C/C++ database and systems programming (in progress)
- Documentation with Latex, Beamer and Markdown

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