Ilaria Battiston

16.01.1998 — Munich, Germany

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Education

M.Sc. in Data Engineering and Analytics	**Technical University of Munich**	
Munich, Germany	*October 2019 – present*	
B.Sc. in Computer Science	**Università degli Studi di Milano-Bicocca**	
Milan, Italy, 105/110	*September 2016 – July 2019*	

Internships

Amazon Europe GmbH — **Luxembourg, Luxembourg**
Business Engineer for Aircraft Management — *March 2021 – July 2021*

GITC Pro — **Remote work**
Postgres Database Administrator — *January 2020 – April 2020*

WikiToLearn — **Remote work**
Community Manager — *February 2019 – September 2019*

Consorzio Milano Ricerche — **Milan, Italy**
Healthcare Data Analyst — *October 2018 – July 2019*

Professional experience

Università degli Studi di Milano-Bicocca — **Remote work**
University Tutor for students with disabilities — *July 2020 – September 2020*

Appen — **Remote work**
Web Search Evaluator — *September 2018 – November 2019*

Scolarships

Deutschlandstipendium — **Munich, Germany**
Scholarship for extracurricular activities and good academic performance — *October 2020 – present*

Google Summer of Code 2020 — **Remote work**
Student Developer for Postgres — *May 2020 – September 2020*

Deutschlandstipendium — **Munich, Germany**
Scholarship for extracurricular activities and good academic performance — *October 2019 – September 2020*

Google Summer of Code 2019 — **Remote work**
Student Developer for Postgres — *May 2019 – September 2019*

Extracurriculars and volounteering

ITPug - Italian Postgres User Group — **Remote work**
Board member (Treasurer) and conference organizer — *September 2020 – present*

Tutoring Online Project — **Remote work**
Middle School tutor in Mathematics — *April 2020 – June 2020*

Postgres Europe — **Remote work**
Conference organizer, Code of Conduct Committee member, Call for Papers Committee member — *June 2019 – present*

Postgres Women   **Remote**
Member, speaker and volunteer   *March 2019 – present*

UnixMiB (Open Source students organization)   **Milan, Italy**
Administrative Committee Member   *April 2017 – present*

Publications

Association for Applied Statistics   **ASA Conference 2019, book of short papers**
A Data Analytics framework: medical prescription pattern dynamics   *September 2019*

Speaker experience

Introduction to Artificial Intelligence   **Milan, Italy**
Linux Day 2019   *October 2019*

Exploratory analytics and Health Big Data on PostgreSQL   **Milan, Italy**
PGConfEU 2019   *October 2019*

Postgres Women: what is it, why does it matter and what can everyone do about it?   **Milan, Italy**
PgConfEU 2019   *October 2019*

A Data Analytics framework: medical prescription pattern dynamics   **Brescia, Italy**
ASA Statistics for Health and Well Being 2019   *September 2019*

Machine learning approaches for prescription patterns analytics   **Milan, Italy**
Data Science and Social Research 2019   *February 2019*

Languages

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

Programming skills

- Query optimization, database administration with PostgreSQL
- Database-oriented paradigms and infrastructures (AWS, Scala, 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)
- Basic C/C++ knowledge (in progress)
- Documentation with Latex, Beamer and Markdown

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