Ava is a digital health company with offices in Zurich, San Francisco, Belgrade and Makati that aims to advance women's reproductive health by bringing together artificial intelligence and clinical research. Our wearable device, smart app and proprietary predictive algorithms empower women by giving them unique clinically researched insights and personalized data about their menstrual cycle, fertile window, and pregnancy delivered in a way that's convenient and non-invasive. Ava was voted Best of Baby Tech at CES 2017, named a Women's Health "Editors' Choice" product and has been honoured as the best Swiss startup in 2017 and 2018. Our current key markets include USA, Germany, Switzerland and UK.

Would you like to join us on our challenging adventure? To strengthen our team, we are looking for a:

Data Engineer (80-100%)

Location: Zurich, Switzerland or Belgrade, Serbia

Responsibilities:

- Migrate our research-database setup to a scalable, containerized environment
- Bring our job workflow management to the next level (Apache Airflow based)
- Assure research data quality with Continuous Integration (CI) tools and automated test scripts
- Improve and maintain MongoDB ingestion scripts
- Improve our PySpark-based big data ETL pipelines and update our Parquet data lake
- Monitor compliance and extract properties of our clinical studies (incl. automated reporting) for our Clinical team
- Verify the AI algorithms of our Data Science team using production data, automate output documentation meeting regulatory requirements

About you:

- Master's degree in Computer Science or equivalent
- Strong knowledge in Python is a must; knowledge of Git, PySpark, Scala, OOAD and CI is a plus
- 2+ years of relevant working experience with cloud based, virtual computer environments
- Experience with ETL pipelines for large data sets
- Experience with Spark, MySQL and/or MongoDB
- Knowledge of machine learning algorithms and tools is a plus
- Ability to work independently with a high sense of responsibility
- Fluency in English
- Swiss or EU/EFTA work permit

Would you like to contribute to a highly motivated team, with a lot of space for your own initiatives? If yes, please apply online or send your complete application to **recruiting@avawomen.com**.

We appreciate that you share our excitement for Ava. Please be aware that only complete applications (CV and motivation letter) can be considered.

Ava – Revolutionizing women's health
Moritz Ritter, System Architect and Data Engineering Manager

Should you not hear back from us within 3 weeks your application has unfortunately not been successful for the respective role.