

# AMR MOSTAFA ALY Koura

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**Nationality** – Egyptian **Date of Birth** – 4<sup>th</sup> May 1986 **Living in:** Berlin, Germany

<https://github.com/amrqura>

[https://bitbucket.org/amr\\_koura/](https://bitbucket.org/amr_koura/)

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## Objective

To get a full time position in a technology company where I can improve my technical and research skills and advance my career.

## Work Experience

### Deliveryhero “Berlin” 05.2021- present. Work as a Lead data engineer.

- Work with data scientists to build scalable recommendation systems.
- Develop a data pipeline.
- Develop Machine learning pipeline.
- Develop recommendation systems API.

### Freeletics “Munich” 09.2019- 04.2021. Work as a Senior data engineer.

- Develop data pipelines using AWS lambda and spark.
- Develop analytical pipeline.
- Machine learning pipeline using AWS kinesis and sagemaker.

### Smaato “Hamburg” 03.2017- 09.2019. Work as big data developer.

- Develop data pipelines using spark,Kafka,Kinesis.
- Develop machine learning pipelines using spark Mlib, deep learning frameworks.

### Fedger.io “cologne”- 04.2016-11.2016. Work as a machine learning engineer.

- *Natural language processing using deep learning library like tensorflow and torch.*
- *Neural machine translation.*
- *Sentiment Analysis.*
- *Develop apache spark pipelines.*

### Fraunhofer FKIE “Bonn”- 03.2014-03.2016. Work as a research assistant.

- Work in the simulation and verification department to develop military based applications using virtualization and simulation products.

### Diyar United Company”Kuwait” - 06.2011-07.2013. Work as software engineer:

- PACI “Public Authority for civil information”, issuing smart card civil Id applications,work with c#.net,sql server,oracle,verisign.
- Central bank of Kuwait, Building web analytical application for Kuwait stock exchange, work with java GWT,servlet,jsp,oracle,sas.
- QAF “Qatar Air Force”, Access control program to manage the attendance for Qatar air force staff,work with c#.net,sql server,smart cards.

## ***TData “Egypt”– Internet Service Provider – 07.2008 – 05.2011.***

- Held Position of Java Software Developer.
- Engaged extensively in development, support and maintenance activities to a number of TData's mission critical, internal systems.
- Lead and participated with a team of developers on an Enterprise Scale project to format Customer Invoices using a wide range of J2EE technologies (JSP, JSTL, Servlets etc.).

### ***Education & Professional Certifications***

- Bachelor's of Science (BSc.) Information Technology 2007.
- Master of computer science at the University of Bonn “Germany”. 2016

### **Technologies**

<b>Programming Language</b>	Python, Java, scala
<b>Machine Learning</b>	Numpy,tensorflow,theano
<b>DBMS</b>	Postgresql, mysql, oracle
<b>Cloud</b>	AWS, Google cloud

### **Languages**

- Arabic (native language).
- English (Fluent).
- German (intermediate).