Curriculum vitae

Personal Information

FIRST NAME / SURNAME	Baris Akbal
ADDRESS	Rheinallee 17, 55118 Mainz, Germany
TEL	+49 15756304283
EMAIL	baris.akbal@gmail.com
NATIONALITY	German
DATE OF BIRTH	30.12.1991

Work Experience

DATES	January 2020 - February 2021
POSITION	Coordinator of initial orientation courses
RESPONSIBILITIES	Planning, implementation, and coordination of initial orientation courses organized by the Federal Office Migration and the state government of Rhineland-Palatinate, Germany
EMPLOYER / ADDRESS	Förderinitiative Donnersberg e.V. / Alzey, Germany
TYPE OF BUSINESS	Social educational institution

DATES	June 2019 - May 2020
POSITION	Working Student
RESPONSIBILITIES	- Development of a new Lido Monitoring System Environment with REST architecture - Conception and implementation of integration tests for Lido Monitoring System with the tools Prometheus, Alertmanager, Alerta and Grafana - Conception and implementation of an automated Behavior-Driven Development framework with JBehave and Docker - Evaluation of concepts and tools like Cucumber, Kubernetes, Apache Flume, Filebeat, Fluent Bit and Ryslog
EMPLOYER / ADDRESS	Lufthansa Systems / Raunheim, Germany
TYPE OF BUSINESS	Lido Aeronautical Services & Operations

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DATES	March 2018 - December 2018
POSITION	Working Student
RESPONSIBILITIES	- Configuration, evaluation and adaption of data science workbenches and tools like Jupyter, RStudio, Paxata, and IBM Watson Studio Local - Building Docker images for data science environments in Microsoft Azure - Implementation of topic models for metadata of various data sets in the Data Intelligence Hub (DIH) with Natural Language Processing tools like Gensim and SpaCy - Extraction and analysis of metadata from CKAN and DKAN based public data portals for optimization the onboarding process
EMPLOYER / ADDRESS	T-Systems International GmbH/ Bonn, Germany
TYPE OF BUSINESS	IT services, IT consulting

DATES	August 2017 - October 2017
POSITION	Intern
RESPONSIBILITIES	- Data Analytics consultation in the sales and marketing team of Mercedes-Benz Vans in cooperation with an external management consulting company - Data merging and preparation of sales data, global market and product information data of various vehicle manufacturer from the internal database - Data exploration and implementation of machine learning methods - Data visualization and presentation
EMPLOYER / ADDRESS	Daimler AG / Untertürkheim, Germany
TYPE OF BUSINESS	Automotive

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DATES	July 2016 - February 2017
POSITION	Intern
RESPONSIBILITIES	- Designed and implemented a Return Merchandised Authorization System - Software and hardware development - Working on technical Wiki pages - Customer service - Technical user manual design and translation
EMPLOYER / ADDRESS	Waletec Technologies / Shenzhen, Guangdong, China
TYPE OF BUSINESS	Software Development and Consultant Service

DATES	February 2016 - May 2016
POSITION	Bachelor's degree candidate
RESPONSIBILITIES	- Thesis work - "Big Data Technologies in Automative After Sales" - Designed a conceptional Data Lake for the After Sales - Implemented a Real-time Analytics Use Case "Live Monitoring of Update Aborts" with Apache Spark - Technical consultation to the department "Xentry Diagnostics" regarding Big Data problems
EMPLOYER / ADDRESS	Daimler AG / Böblingen, Germany
TYPE OF BUSINESS	Automotive After Sales

DATES	August 2015 - January 2016
POSITION	Intern
RESPONSIBILITIES	- Worked on the project "BigData Diagnosis" in Retail Operations - Data Wrapping and Data Processing with SPSS Modeler and R - Data modeling for various car series - Support with testing prototypes
EMPLOYER / ADDRESS	Daimler AG / Böblingen, Germany
TYPE OF BUSINESS	Automotive After Sales

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Education and Training

DATES	2017 - 2021
QUALIFICATION AWARDED	Master's degree, Computer Science
THESIS WORK	"Variational Autoencoder as Probabilistic Model in Estimation of Distribution Genetic Programming"
PRINCIPAL STUDIES	Genetic Programming, Evolutionary Algorithms, Artificial Neural Networks
INSTITUTION	Johannes Gutenberg University Mainz

DATES	2012 - 2016
QUALIFICATION AWARDED	Bachelor's degree, Computer Science
THESIS WORK	"Big Data Technologies in Automotive After Sales"
PRINCIPAL STUDIES	Machine learning, Recommender Systems
INSTITUTION	Johannes Gutenberg University Mainz

Skills and Competences

LANGUAGE SPOKEN

- German (Native speaker)
- Turkish (Native speaker)
- English (Fluent)
- French (Conversational)

COMPUTER SKILLS AND COMPETENCES

- Python
- Java
- R
- TensorFlow
- DEAP
- Apache Hadoop
- Apaches Spark/Spark Streaming
- Apache Flume
- CI/CD development, Git
- Tableau, Plotly, Grafana
- SQL
- Docker