LUCA WEISSBECK

Software Engineering student passionate about acquiring new skills & technologies.

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📍 Stuttgart, Germany (Work authorisation provided by Settled Status in UK)

EXPERIENCE

Identifying Racial & Gender Bias Using NLP
IBM Research - Tech4Justice
📅 08/2021 - 11/2021   📍 Hursley, United Kingdom

- Developed algorithms in Python for identifying presences of racial & gender bias in newspaper articles using data analysis tools such as Pandas, CoreNLP and IBM Watson Natural Language Processing
- Demonstrated problem solving skills by helping the team find concrete indicators for bias as well as procedures for conducting analysis in extended scale

Development & Serverless Deployment of GitHub Changelog Application
IBM Research - Code Engine
📅 05/2021 - 08/2021   📍 Boeblingen, Germany

- Developed a React.js & Node.js web application providing the IBM Cloud Code Engine UX team with an efficient way to communicate the change in the latest GitHub release via Slack
- Deployed the application to the recent IBM Cloud serverless offering "Code Engine" while also showcasing to external customers the simplicity of Code Engine deployments

Development of DevOps Creator
IBM - BMW Account
📅 11/2020 - 02/2021   📍 Munich, Germany

- Helped develop the frontend in Angular.js enabling the custom configuration of a DevOps solution
- Supports and simplifies the DevOps process for the customer

Artificial Intelligence Optimisation for Object Recognition
IBM - IoT Center
📅 06/2020 - 08/2020   📍 Munich, Germany

- Trained an MxNet neural network using a docker container running on a remote high-performance computer
- Hyperparameteroptimisation of MxNet neural network that is now actively used in an exhibit at the "Deutsche Museum Nürnberg"

VOLUNTEERING

IT Consulting Project
German Red Cross

Worked with two colleagues to identify shortcomings in the digital offering of the German Red Cross such as an outdated mobile app or website that lacked vital details

CERTIFICATIONS

AWS Certified Cloud Practitioner

Professional Scrum Master I

SKILLS

| Python | Node.js | React.js |
| SQL&Databases | HTML&CSS |

EDUCATION

B.Sc. International Management for Business & Information Technology
DHBW Stuttgart
📅 09/2019 - 09/2022

- Hyperparameter Optimisation of an Artificial Intelligence Designed for Object Recognition and Deployed as Part of a Museum Exhibit (Project Report)
- HTTP Performance Comparison of Node.js API Deployment on IBM Cloud Code Engine versus IBM Virtual Server (Project Report)

International Abitur (A-Level equivalent)
German School London
📅 08/2014 - 07/2019

LANGUAGES

German	Native
English	Bilingual Proficiency (Level C2)

PROJECTS

PyBroker
🔗 github.com/LucaWeissbeck/PyStockMarketGame
Developed a gamified simulation of a financial broker in Python with Flask & Streamlit
- Grade: 100%

SurveyWzrd
🔗 github.com/LucaWeissbeck/SurveyWzrd-Frontend
Developed a creator for custom surveys using Java Springboot backend & React.js frontend
- Grade: 93%

Smart Home Dashboard
🔗 github.com/LucaWeissbeck/Toskana-Frontend
Developed a dashboard using MERN stack displaying IoT device statuses
- Ability to control & supervise holiday home remotely