LUCA WEISSBECK

Software Engineering student passionate about acquiring new skills & technologies

📞 Phone: +49 151 46377803   @ E-Mail: lucaweissbeck@yahoo.de   🔗 Website: lucaweissbeck.de
📍 Stuttgart, Germany

EXPERIENCE

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

- Developed algorithms in Python for identifying racial and gender bias in newspaper articles using data analysis tools such as Pandas, CoreNLP, NumPy and IBM Watson Natural Language Processing
- Demonstrated problem-solving skills by assisting the team in **finding ten specific indicators** of bias in newspaper articles and created procedures for conducting expanded scope analyses

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

- Developed a React.js & Node.js web application for **halving** workload of the 93-strong Code Engine UX team by providing an efficient way to communicate the changes of the latest GitHub release via Slack
- Deployment of the web application on IBM Cloud Serverless offering "Code Engine" that also demonstrates to external clients the simplicity of Code Engine deployments

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

- Assisted in frontend development of in Angular.js application, allowing the individual configuration of a DevOps solution
- **Supports and simplifies** the DevOps process for the customer

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

- Reducing eligible Hyperparameter combinations of MxNet neural network from **36 to three** through Hyperparameter optimisation
- Trained MxNet neural network for object recognition inside a docker container running on a high performance computer and deployed as part of an **exhibit at the Deutsches Museum** in Nuremberg, Germany

SKILLS

Python	Node.js	React.js	SQL	HTML&CSS
MySQL	Docker			

VOLUNTEERING

IT Consulting Project
German Red Cross (GRC)
Worked with two colleagues to identify deficiencies in the GRC digital offering, such as an outdated mobile app or a website that lacked important details followed by a **presentation** to their **board of directors**

EDUCATION

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

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

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

Grade
1.9 / 1.0

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 with MERN stack that displays the status of IoT devices
- Ability to control and monitor the holiday home remotely

LANGUAGES

German	Native
English	Bilingual Proficiency (Level C2)

CERTIFICATIONS

AWS Certified Cloud Practitioner

Professional Scrum Master I