

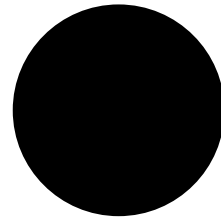
JIMMY TAN

Fresh Graduate, B.Sc in Artificial Intelligence

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JimmyTan2000



EXPERIENCE

Bachelor Thesis AI

Mercedes-Benz Consulting GmbH

Oct 2023 – Jun 2024 Leinfelden-Echterdingen

- Conducted the research for my thesis titled 'Automatic Evaluation of Question-Generation Models'.
- Performed quality checks on manually annotated data from Amazon MTurk, which were necessary for the research, and determining the requirements for the data quality threshold.
- Engaged in the development of the Gen-AI Multi-Agent Spin-Off project leveraging Microsoft AutoGen and LLMs.
- Presented the Gen-AI Multi-Agent project implementation company-wide at Mercedes-Benz.

Working Student Data Analytics & AI

Mercedes-Benz Consulting GmbH

Mar 2023 – Jul 2023 Leinfelden-Echterdingen

- Provided detailed explanation of the entire Rasa system architecture and its associated AWS components to team members.
- Developed comprehensive step-by-step instructions and demonstrated the implementation of the Rasa system with Kubernetes on AWS EKS to the colleagues (knowledge transfer).
- Led the architectural design of a new Rasa chatbot for a specific use case.
- Coordinated product requirements clarification and procedural synchronization among cross-functional teams during implementation.

Intern Data Analytics & AI

Mercedes-Benz Consulting GmbH

Sep 2022 – Feb 2023 Leinfelden-Echterdingen

- Led strategy planning for the implementation of a dialogue-oriented AI chatbot utilizing Rasa Framework.
- Conducted training of NLU models and configured processing pipelines for tasks including tokenization, featurization, entity tagging, and intent classification using the Rasa Framework.
- Developed a custom REST API to enhance backend processing by integrating additional information from the frontend.
- Designed and implemented a robust cloud infrastructure using Docker, Kubernetes, Helm Charts, and multiple AWS services such as Lambda, EC2, EKS, ECR, CodeCommit, Cloud9, DynamoDB, Cognito, and SES.
- Independently deployed the chatbot into production.
- Documented the entire chatbot independently.
- Presented the chatbot system to the entire company, demonstrating how to use it effectively.

PROFILE

Highly organized and detail-oriented individual with a drive to exceed expectations. Skilled in data analysis, strategy development, and problem-solving. Passionate about Machine Learning and Data Science with hands-on AI development experience. Constant learner, eager to apply new skills to projects. Nearly 2 years of experience in Machine Learning at Mercedes-Benz Consulting GmbH. Seeking to leverage skills and knowledge to contribute to team success.

ACHIEVEMENTS

CERN GridWars Hackathon
1st Runner Up

Full Marks for Thesis
1.0 (German Grade, 50/50 Points)

SKILLS

Python Java JavaScript
Machine Learning NLP PyTorch
TensorFlow Scikit-learn Pandas
Matplotlib Seaborn Linux SQL
NoSQL Amazon Web Services (AWS)
Power BI Excel PowerPoint Git

STRENGTHS

Goal-driven Detail-oriented
Curious-minded Perseverance

LANGUAGES

Mandarin - Native English - Bilingual
German - Fluent Malay - Fluent

EDUCATION

B.Sc. in Artificial Intelligence
(In German)

Deggendorf Institute of Technology, Germany

Oct 2020 – May 2024

Grade: 1.9 (German System)