



Hai Linh Bui

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As a Machine Learning Engineer, I possess a strong foundation in machine learning concepts, data analysis, software engineering principles and have hands-on experience in developing and deploying machine learning models using Python. I have worked in diverse teams across different cultures, developing the ability to navigate cultural differences and adapt communication styles for effective collaboration. With a strong analytical mindset and attention to detail, I am confident in my ability to adapt to new technologies and deliver high-quality results, even in international environments.

Experience

Machine Learning Engineer @ TecAlliance Vietnam (Ho Chi Minh City, Vietnam)

June 2022 - Present

- Working remotely from Vietnam with DSML Team in Germany
- Reworked Voicemail Transcription for Zendesk Ticket System Project (Serverless Framework, AWS Cloudformation, AWS Lambda, Zendesk API, Azure LUIS, Azure SpeechToText)
- Conducted an experiment to train and evaluate a convolutional autoencoder model to optimize the classification/detection of vehicle's part types in technical drawings
- Analyzed part catalogues from different original equipment manufacturers, created an automated pipeline to process the given information to an expected structured output for another tool

BI Enginner Intern & Working Student @ idealo internet GmbH (Berlin, Germany)

May 2021 - May 2022

- Started as Intern (5 Months) and continued as Working Student in Data Intelligence Engineering Team
- Daily support of team with data problem detection (Detecting missing data, incorrect data in company's data lake)
- Created and optimized Tableau Dashboards; introduced best practice templates for the company's analysts
- Wrote unit tests for processing the team's product tables
- Adjusted existing Spark and Scala templates to use cases
- Bachelor thesis topic: Implementation and Performance Evaluation of Data Bucketing using Apache Spark

Education

University of Applied Sciences Berlin (HTW Berlin)

April 2018 - April 2022

- BS Business Information System (April 2019 - April 2022)
- BA Business Administration (April 2018 - March 2019)

Skills

- Programming languages: Python
- Cloud Technologies: AWS S3, Lambda, CDK, Serverless, Eventbridge, Cloudformation
- Machine Learning libraries: Pytorch, Keras, Scikit-Learn, Spacy
- Microsoft Office Tools: Word, Excel, Powerpoint
- Version Control System: Git
- German: C1
- English: B2
- Vietnamese: Native Speaker