

# Alvin Rindra Fazrie

M.Sc

Data Scientist AI/BI; Artificial Intelligence Specialist at Lufthansa. AI at Universität Hamburg; BI at Universität Duisburg-Essen; Deep Learning on deeplearning.ai. <https://alvinrindra.github.io/>



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[github.com/alvinrindra](https://github.com/alvinrindra) 🐙

## WORK EXPERIENCE

### Artificial Intelligence Specialist Lufthansa Industry Solutions

07/2019 – Present

Hamburg, Germany

- Developing and Deploying AI/ML applications to the production with OpenShift AI Platform.

Contact: [lars.schwabe@lhind.dlh.de](mailto:lars.schwabe@lhind.dlh.de)

### Data Scientist Ginkgo Analytics

03/2019 – 06/2019

Hamburg, Germany

<https://www.ginkgo-analytics.com/>

- ELK Stack for Big Data Search and Analytics Projects: Elasticsearch, Logstash, Kibana + Filebeat. Anomaly Detection with Machine Learning Jobs (Single Metric and Multi-Metric).
- Airbus AI Challenges - Helicopters Accelerometer with Volcano AI: Recall: 0.942, Fbetascore: 0.99, Precision: 0.99. ML Algorithms: OneClassSVM, K-Means, KNearestNeighbour.
- Product Classifier Data Case with Deep Learning (LSTM + CNN).

Contact: [steffen.maas@ginkgo.com](mailto:steffen.maas@ginkgo.com)

### Research Assistant Language Technology Group - Universität Hamburg

09/2017 – 08/2018

Hamburg, Germany

- Worked on projects, new/s/leak 2.0 (Network of Searchable leaks), Science and Data-Driven Journalism tool <http://www.newsleak.io/> and autolinks (automatic proactive researching) - <https://uhh-llt.github.io/autolinks>, under the supervision of Prof. Chris Biemann.
- Tech stack: Scala Play, AngularJS, NodeJS, Elasticsearch, Docker, PostgreSQL, Python, NLP components: UIMA, cTAKES, Polyglot-NER.

Contact: [biemann@informatik.uni-hamburg.de](mailto:biemann@informatik.uni-hamburg.de)

### Full-stack Developer (JS/RoR) - 3 Years XP Quantilope; X-rails; HAUSGOLD GmbH

02/2015 – 01/2018

Hamburg, Germany

<http://www.hausgold.de>; [www.x-rails.com](http://www.x-rails.com); [www.quantilope.com](http://www.quantilope.com)

- Worked on a project for building a maklerportal and CRM. MP Frontend stack: ReactJS, SCSS, Webpack, E2E Test: NightwatchJS. MP-API stack: Ruby on Rails, PostgreSQL. (HAUSGOLD - talocasa GmbH)
- Developed a Market Research Software: MeteorJS, AngularJS, LESS, Bootstrap, jQuery, and MongoDB. (Quantilope GmbH)

Contact: [niklas.schreiber@hausgold.de](mailto:niklas.schreiber@hausgold.de)

## EDUCATION

### Master of Intelligent Adaptive Systems (M.Sc) Universität Hamburg, Germany

12/2018

Bio- AI, DL, ML, RL, NLP

### Business Intelligence and ERP (Certified Semesters)

Universität Duisburg-Essen, Germany

04/2017

BI, BW, ERP, ABAP

## TECH & SOFT SKILLS

Deep Learning, ML, RL: Tensorflow 2.0, PyTorch, Keras, Sk-learn

NLP & Information Extraction: cTAKES, gensim, NLTK, spaCy

Full-stack Dev: Flask, RoR, NodeJS, Scala Play, ReactJS, Angular

AWS : Sagemaker, Redshift, Matillion ETL, Quicksight, Lambda

Data Science

Data Engineering

Business Intelligence

More details of Tech Stack Skills on: <https://alvinrindra.github.io>

Communication

Teamwork

Attention to details

Problem-Solving

Self-management

Leadership

## CERTIFICATES

Deep Learning Specialization (DNN, CNN, RNN)  
(09/2018 – Present)

deeplearning.ai : DXLWRF2C9TL, (Tensorflow, Keras, Scikit-learn)

<https://www.coursera.org/account/accomplishments/specialization/DXLWRF2C9TL>

Advanced ABAP Programming - (04/2017 - Present),  
Introduction to SAP ABAP - (03/2016 - Present)

Universität Duisburg-Essen

Introduction to SAP Business Warehouse - (09/2015 - Present)

Universität Duisburg-Essen

Integrated Business Process with SAP ERP TERP10 - (03/2015)

Universität Duisburg-Essen

CIBIA (Certified International Business Intelligence Associate) -  
(12/2012)

Purchasing and Supply Association Singapore

## PUBLICATIONS

Agent-advising Approaches in an Interactive Reinforcement Learning Scenario. Cruz, F.; Wüppen, P.; Magg, S.; Fazrie, A.; Wermter, S. (09/2017)

2017 IEEE International Conference on Development and Learning and Epigenetic Robotics (ICDL-EpiRob). <https://ieeexplore.ieee.org/document/8329809>. Tech stack: Python, numpy, matplotlib.

Action Selection Methods in a Robotic Reinforcement Learning Scenario. Cruz, F.; Wüppen, P.; Fazrie, A.; Weber, C.; Wermter, S. (11/2018)

5th IEEE Latin American Conference on Computational Intelligence LA-CCI. <http://la-cci.org/la-cci-2018/accepted-papers-2018/>. Tech Stack: Python, numpy, matplotlib.

## LANGUAGES

English

Expert

German

Upper-intermediate

Bahasa (Indonesian)

Native or Bilingual

Malay

Expert