

Alvin Rindra Fazrie

M.Sc

Software Engineer with Machine Learning Expertise.
AI at Universität Hamburg; BI at Universität Duisburg-Essen; Deep Learning on deeplearning.ai.
<https://alvinrindra.github.io/>



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WORK EXPERIENCE

Research Assistant - Working Student 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-lt.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

Full-stack Developer (RoR) - Working student HAUSGOLD - talocasa GmbH; X-rails GmbH

04/2016 – 01/2018

Hamburg, Germany

<http://www.hausgold.de/>; www.x-rails.com

- Worked on a project for building a maklerportal and CRM. Maklerportal-frontend stacks: ReactJS, SCSS, Webpack, E2E Test: NightwatchJS. Maklerportal-api stacks: Ruby on Rails, PostgreSQL. (01/2017 - 01/2018). HAUSGOLD - talocasa GmbH
- Developed features of several websites (ximmo, ubitricity, codetalk): HTML5, sass, Bootstrap, Javascript. Framework: Ruby on Rails, TDD/BDD: RSpec. (04/2016 - 12/2016). X-rails GmbH

Contact: niklas.schreiber@hausgold.de

Full-stack Developer (JS) - Working student Quantilope GmbH

02/2015 – 02/2016

Hamburg, Germany

www.quantilope.com

- Developed a Market Research Software: MeteorJS, AngularJS, HTML5, LESS, Bootstrap, jQuery, and MongoDB.

Associate System Developer CCH, a Wolters Kluwer Business

06/2012 – 08/2012

Cyberjaya, Malaysia

<http://www.wolterskluwer.com.my/>

- Researched on Information retrieval using Apache SOLR for company data indexing.
- Implemented ETL (Extract Transform Load) and Business Intelligence Process via Microsoft BIDS (Business Intelligence Development Studio) using SSIS (SQL Server Integration Services).

EDUCATION

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

12/2018

Machine Learning, Neural Networks,
Reinforcement Learning (RL), Language
Processing, Bio- Artificial Intelligence

ERP and Business Intelligence (Certified Semester)

Universität Duisburg-Essen, Germany

04/2017

TECH & SOFT SKILLS

Full-stack Dev: RoR, NodeJS, Scala, ReactJS, AngularJS, (No)SQL

Deep Learning & RL: Python, Tensorflow, Keras, Scikit-learn

NLP & Information Extraction: UIMA, cTAKES

Data Science: R

Data Visualization

Business Intelligence

Semantic Web

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 : DXLWRF2C99TL](https://www.coursera.org/account/accomplishments/specialization/DXLWRF2C99TL), (Tensorflow, Keras, Scikit-learn)
<https://www.coursera.org/account/accomplishments/specialization/DXLWRF2C99TL>

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