

Lars Huth

DATA SCIENTIST · THEORETICAL COMPUTER SCIENCE ENTHUSIAST

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Education

Secondary School

GEORG BÜCHNER GYMNASIUM

Bad Vilbel

2008 - 2016

- Visited advanced classes for English, and Politics & Economics.
- Took part in two exchange programs with French schools.
- Supervised the Student Computer Work Group during my last year of school.

B.Sc. in Computer Science

GOETHE UNIVERSITY

Frankfurt am Main

Oct. 2016 - Oct. 2019

- Focus of Study: Data and Knowledge Processing
- Minor: Economics
- Thesis: Dynamic Graph Representation of Wikipedia's Multilingual Link Structure over Time

M.Sc. in Computer Science

GOETHE UNIVERSITY

Frankfurt am Main

Apr. 2020 - Ongoing

- Focus of Study: Algorithms and Complexity
- Current GPA equivalent to an 3.4 US GPA

Skills

Programming Python, R, SQL, C++, LaTeX, Linux

Soft Skills Cooperative, Communicative, Interdisciplinary, able to work independently

Languages German (First Language), English (Fluent - CEFR C2), French (Beginner - Intermediate)

Experience

Student Assistant for Visualizing Machine Learning Algorithms

FRANKFURT INSTITUTE OF ADVANVED SCIENCES - RESEARCH GROUP OF PROFESSOR BERTSCHINGER

Programming

Jun. 2018 - Oct. 2018

- Implementation of visualization of machine learning algorithms. Visualization used in teaching.

Student Teaching Assistant

GROUP OF ALGORITHM ENGINEERING - PROFESSOR MEYER

Teaching

Multiple Semesters

- TA for "Theoretical Computer Science" in the Winter Semester 2018/19
- TA for "Data Structures and Algorithms 1" in the Summer Semester 2020
- TA for "Data Structures and Algorithms 2" in the Winter Semester 2020/21

Data Science and Research Intern

RESEARCH DATA AND SERVICE CENTRE - DEUTSCHE BUNDESBANK

Programming/Research

Oct. 2019 - Mar. 2020

My work included:

- Conception, implementation, and documentation of a tool for the automation of document creation in Python and LaTeX. A technical report regarding this matter has been published.
- Development and documentation of new methods and approaches to link unstructured information regarding datasets, scientific publications, and their respective use in decision-making in financial politics, in order to make the value of data measurable. A working paper regarding this matter is in progress.
- Independent organizing of regular presentations for the continuous discussion and planning of my work.

Extracurricular Activity

SKV Büdesheim

Germany

VOLUNTEER/MARTIAL ARTS INSTRUCTOR

2016 - PRESENT

- I have been doing the Korean martial art Hapkido since 2010 and have been an instructor on volunteering basis since 2016. I have also helped organizing and supervising trips of the club's youth group.

Deutsche Bahn Data Challenge 2018 "Smart Cities, Smart Life"

1ST PLACE

2018

- My partner and I made a prototype for an app that gave travelers recommendations on what to do when there is some free time at a train station, taking into consideration not only the train station itself but also the surrounding region.

Speaker at Big Data World 2018

Frankfurt Fair

TECH WEEK FRANKFURT

2018

Publications

TECHNICAL REPORTS

Blaschke, J., Hering, F. and L. Huth (2020). **Document automation at the Research Data and Service Centre using the RDSC Contract Generator.** Technical Report 2020-02, Deutsche Bundesbank, Research Data and Service Centre.