

Ruilin Yang

Student of Master Program
Cognitive Systems

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Education

University of Potsdam / Master Program. Cognitive Systems

OCT 2023 - PRESENT, POTSDAM, GERMANY

- Current grade: 1.1
- Completed "Advanced Natural Language Processing", "Foundation of Linguistics"

TU Hamburg / Master Program Information & Communication Systems

OCT 2021 - JUL 2023, HAMBURG, GERMANY

- Unfinished degree

University of Twente / B.Sc. Computer Science & Engineering

SEP 2018 - JUL 2021, ENSCHEDE, THE NETHERLANDS

- Graduated with Cum Laude, Dutch grade 8.08/10
- Thesis "Didactic Visualization for a Searchable Encryption Scheme", 8.6/10

University of International Business and Economics / B.Sc. Economics

SEP 2010 - JUL 2014, BEIJING, CHINA

- GPA 3.24/4.0

Skills

Language Skills: English: C1 | German: B1.1 | Chinese: Native

Developer Skills: Full-Stack Development | Git | Data Visualization | Deep Learning

Projects

LLM Head Ablation Study / Course Project "Pre-trained Models"

SEP 2024 - PRESENT, POTSDAM, GERMANY

- Research about the impact of individual attention head on LLM's zero-shot transfer-learning abilities

Exploratory Research on Deep Learning Architecture and Hyperparameters / Course Project "Advanced Natural Language Processing"

JAN 2024 - MAR 2024, POTSDAM, GERMANY

- Research about the impact of different deep learning architecture-hyperparameter on Quantitative Natural Language Inference problems
- Coded a encoder-only transformer from scratch, among others

Didactic Visualization of a Complex Cryptography Scheme / Bachelor

graduation research project

APR 2021 - JUL 2021, ENSCHEDE, THE NETHERLANDS

- Research how visualizations can help student study complex cryptography schemes

Graphic User Interface for Parity Game Algorithm Research / Bachelor graduation design project

JAN 2021 - APR 2021, ENSCHEDE, THE NETHERLANDS

- Develop a visualization GUI of Parity Game with built-in classic algorithms for researchers and students

Experience

SimpleTechs GmbH / JavaScript Developer (Intern)

NOV 2022 - APR 2023, BERLIN, GERMANY

- Cross-platform frontend development with TypeScript and React Native.
- End-to-end testing with Cypress

Lufthansa Technik & TU Hamburg Career Center / Web Developer

OCT 2021 - MAR 2022, HAMBURG, GERMANY

- Worked in a group of 4 to define a framework and a prototype that helps to streamline Lufthansa Technik's fragmented IT solutions

University of Twente / Teaching Assistant

OCT 2019 - MAR 2020 | OCT 2020 - MAR 2021, ENSCHEDE, THE NETHERLANDS

- TA for study modules "Pearls of Computer Science" and "Software Systems".

Awards

University of Twente / Cum Laude

JUL 2021, ENSCHEDE, THE NETHERLANDS

- Graduated as top ~15% of students