

Jinghua Xu

This is not a professional CV *

@xujinghua on GitHub

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EDUCATION

UNIVERSITY OF TÜBINGEN

BA IN COMPUTATIONAL LINGUISTICS

Oct 2017- | Tübingen, DE

TONGHUA NO.1 HIGH SCHOOL

Grad. June 2016 | Tonghua City, China

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithms(i + ii + iii)

Bayesian Data Analysis

Time-to-event data analysis

Text Technology

Statistics

Logic

Calculus

Linear Algebra

Introduction to computer science

SKILLS

TECHNICAL

Java • Python3 • R • C • Prolog

HTML5 • CSS3 • \LaTeX

Git • Linux

LANGUAGE

Chinese(Native or bilingual proficiency)

English(Full professional proficiency)

German(Elementary proficiency)

PERSONAL INFO

NATIONALITY Chinese

DATE OF BIRTH 11.11.1998

GENDER Female

EXPERIENCE

TEACHING ASSISTANT | SFS, UNIVERSITY OF TÜBINGEN

Oct 2019 - Mar 2020

MATHEMATICAL METHODS 1: LOGIC

Apr 2020 - Aug 2020

MATHEMATICAL METHODS 2: STATISTICS

PROJECTS/REDUCED GITFOLIO

SOFTWARE ENGINEERING

WORDNET

A WordNet class to represent the WordNet synsets and the hyperonymy relation between them, and to support a variety of queries for extracting the information encoded in the hierarchical structure of WordNet.

SPELL CHECKING AND KEYWORD SEARCHING IN LARGE TEXT

A spellchecker implemented trie-based or non-trie-based. And a keyword search with a command line interface.

NNPUZZLE

A rule-based AI, automatically solves NNpuzzle.

FINITE STATE AUTOMATA

An FSA(with minimization method) with a trie-based lexicon.

PARSING

A Constituency to Dependency Parsing Converter.

DATA ANALYSIS

TIME-TO-EVENT(SURVIVAL) ANALYSIS

- A survival analysis(with R) of time-to-event data: the data for the British Lexicon Project.
- A survival analysis of lexical decision data of Mandarin Chinese with R.

BAYESIAN DATA ANALYSIS

A series of Bayesian regression analyses to test whether an association between two variables(Sound inventory size vs. population size) is genuine, with the rethinking package.