Jinghua Xu

This is not a professional CV *
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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,
English,
German(working my ass off learning)

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.