Aofei Chang

Beijing, China

✆ (+86) 16600041898 • ✉ chaf@pku.edu.cn • 🏠 lunnar-being.github.io

RESEARCH INTEREST

NLP(PTM & IR), ML, Contrastive Learning & Few-shot Learning, Knowledge Graph, System Design & Programming

EDUCATION

Department of Information Management, Peking University　　　　　　　　　**Beijing, China**
B.Sc in Big Data Management and Application　　　　　　　　　　　　*September 2019-June,2023*

KEY SKILLS

Programming Language	Python, Java
Web Based Language & Framework	HTML, JS, Vue.js, Node.js, tornado, flask
DB	MySQL, MongoDB, Redis
Server Tools	Linux Shell, Nginx
Big Data Tools	Spark, Hadoop etc.
Deep Learning Framework	Pytorch

RESEARCH EXPERIENCE

Remote Research with tenure-track Assistant Prof. Ma　　　　　　　　　*July 2022 - Now*
- Research on ICD coding in medical texts in collaboration with Professor Ma of the School of Information Science and Technology at Penn State University, USA.

Research in Text Mining Group led by Assoc Prof. Bolin Hua　　　　*December 2020 - Now*
- Contribution to Disruptive Technology Policy Text Collecting and Mining System
- Leadership in developing the monitoring and Mining System for Technology Policy Text
- Learn a broader range of text mining techniques

PUBLICATIONS

- **Chang, Aofei**, Bolin Hua, and Dahai Yu. *"Keyword Extraction and Technology Entity Extraction for Disruptive Technology Policy Texts."* Workshop on Extraction and Evaluation of Knowledge Entities from Scientific Documents. 2021.

SELECTED PROJECTS

A General Knowledge Graph Visualization and retrieval System　　　　*June 2022-July 2022*
- Knowledge Graph visualization and intelligent retrieval .
- A general and ready-to-use tool

Retrieval System for Flowers in Peking University Campus　　　　　*April 2021-June 2021*
- This is a Retrieval System for PKU flowers that allows web user to browse and retrieval information of all flowers in campus .
- It contains simple retrieval & advanced retrieval & category browsing & image retrieval

Technology Policy Text Monitoring and Mining System *Nov 2021 – April 2022*
- It is mainly developed to collect, analyse and visualize technology policy texts.
- Policy topic classification & Keywords extraction & Entity Extraction & Summary generation & Statistics and Visualization

Bookshop Sales and Management System *November 2020 – January 2021*
- This web-based software helps to manage daily activities of a bookshop.
- It helps to check available products in and out, with customer-oriented sales interfaces and service.

OTHER EXPERIENCE

TA for "Cases Study of Big Data Application" *Sept 2022 - Now*
- 2022 Fall