

Xiaoran Li

Graduate Student looking for Summer 2022 Internship

Email: 2121026.rs@sist.ac.jp; (80)-4187-1520

LinkedIn: in/xiaoran-li-713890193/

Github: github.com/SauronLee

Website: www.xiaoranli.com

EDUCATION

- **Shizuoka Institute of Science and Technology (SIST)** Shizuoka, Japan
Master of Systems Engineering (Computer Science); GPA: 3.59/4
Concentration: Natural Language Processing
Courses: Optimization Theory (S); Mathematical Science (A); Data Science Theory (S); Artificial Intelligence Theory (A); Data Mining Theory (A); Network System Theory (S); Communication Theory (S); Environmental Studies (S); Academic Writing (A)
Apr 2020 - Apr 2023
- **Nippon Engineering College of Hachioji (NEEC)** Tokyo, Japan
Diploma of Computer Science (System Development)
Concentration: Dialog System Development
Apr 2018 - Apr 2020
- **Changchun University of Technology (CCUT)** Changchun, China
Bachelor of Engineering (Machinery Automation)
Apr 2011 - Sep 2014

SKILLS SUMMARY

- **Languages:** Python, SQL, Shell, JAVA
- **Frameworks:** PytorchTensorFlow, HuggingfaceScikit, SpaCy, TensorFlow, Flask
- **Tools:** Kubernetes(K8s), Docker, MySQL, SQLite
- **Platforms:** Linux, Mac OS, AWS, EC2, Nvidia Nano, Google Cloud

EXPERIENCE

- **Shizuoka Institute of Science and Technology** Shizuoka, Japan
Teacher Assistant (Part-time, Contractual)
Apr 2022 - Jul 2022
 - **Computer System Exercise:** 32 lessons (90 minutes per lesson)
 - **Data Structures and Algorithms:** 13 lessons (90 minutes per lesson)
 - **Computer Architecture:** 7 lessons (90 minutes per lesson)
- **Shizuoka Institute of Science and Technology** Shizuoka, Japan
Teacher Assistant (Part-time, Contractual)
Sep 2021 - Feb 2022
 - **Introduction to Computer Composition:** 13 lessons (90 minutes per lesson)
 - **Calculator Architecture:** 7 lessons (90 minutes per lesson)
 - **Computer hardware:** 7 lessons (90 minutes per lesson)
- **Shizuoka Institute of Science and Technology** Shizuoka, Japan
Student Assistant (Part-time, Contractual)
Sep 2020 - Mar 2021
 - **Probability and Statistics:** 30 lessons (90 minutes per lesson)

PROJECTS

- **The Construction and Application of Sememe Knowledge Base:** Keywords: Deep Clustering Networks, Word Representation Learning, Heterogeneous Graphs, Graph Neural Networks
- **Conversational Recommender System (For Finding NLP Papers):** Keywords: Recommender System, Dialogue System

PUBLICATIONS

- **Paper Link: Xiaoran Li; Toshiaki Takano.** Finding NLP Papers by Asking a Multi-hop Question *Special Interest Group on Spoken Language Understanding and Dialogue Processing (SIG-SLUD) 95th. 2022*
- **Paper Link: Mineo, Kainari; Xiaoran Li; Taniguchi, Joy; Takano, Toshiaki.** Textualisation of Dialectal Speech Material Using the Wav2vec Model. *Language Resource Workshop in Japan 2022* (In Japanese)
- **Paper Link: Xiaoran Li; Toshiaki Takano.** The Endeavour to Advance Short Text Classification: Using Heterogeneous Graph Neural Network via Building Sememe-relationships *Japanese Society for Artificial Intelligence (JSAI) 36th. 2022*
- **Paper Link: Xiaoran Li; Toshiaki Takano.** A Data Augmentation Method for Building Sememe Knowledge Base via Reconstructing Dictionary Definitions *The Association for Natural Language Processing (ANLP) 28th. 2022*
- **Paper Link: Xiaoran Li; Toshiaki Takano.** The Analysis about Building Cross-lingual Sememe Knowledge Base Based on Deep Clustering Network *Special Interest Group on Spoken Language Understanding and Dialogue Processing (SIG-SLUD) 92th. 2021*
- **Paper Link: Xiaoran Li; Toshiaki Takano.** Paper-style Text Transfer by Constructing a Pseudo-parallel Corpus in Axis Language *YANS 16th. 2021* (In Japanese)
- **Paper Link: Xiaoran Li; Yo Ehara.** Lexical Semantic Relation Prediction Based on Word Embeddings. *YANS 15th. 2020* (In Japanese)

HONORS AND AWARDS

- Tokai Denpun Co., Ltd. International Scholarship - Apr 2022