

Ziru “Ron” Chen

Curriculum Vitae

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INTERESTS

Conversational AI and Interactive Natural Language Interfaces

Natural Language Processing, Machine Learning, Human-Computer Interaction

EDUCATION

The Ohio State University, Columbus, OH

Aug 2022 – May 2027

Ph.D. Computer Science and Engineering

Major: Artificial Intelligence

The Ohio State University, Columbus, OH

Aug 2018 – May 2022

B.S. Computer and Information Science, Math Minor

GPA: 3.976 / 4.0

Expected: **Summa Cum Laude**

EXPERIENCES

Research Assistant, The Ohio State University

Dec 2020 – Present

Advisor: Dr. *Huan Sun*

– Human-centered Task-Oriented Dialogue System (Alexa Prize)

– Cross-Domain Adaptation for Text-to-SQL Semantic Parsers

Visiting Student Research Intern, Westlake University

May – Jul 2021

Advisor: Dr. *Zhenzhong Lan*

– Multi-turn Dialogue System for Mental Health Counseling

HONORS

University Fellowship, The Ohio State University

2022

Undergraduate Research Award, The Ohio State University

2022

CIS Undergrad Scholarship, The Ohio State University

2021

Dean’s List, The Ohio State University (6 semesters)

2018 – 2021

PUBLICATIONS

Bootstrapping a User-Centered Task-Oriented Dialogue System

Shijie Chen*, **Ziru Chen***, Xiang Deng, Ashley Lewis, Lingbo Mo, Samuel Stevens, Zhen Wang, Xiang Yue, Tianshu Zhang, Yu Su, Huan Sun (* equal contribution)

1st Alexa Prize Taskbot Challenge, 2022

TEACHING

CSE 5525 Speech and Language Processing, Undergraduate & Graduate Level

Teaching Assistant, The Ohio State University (Autumn 2021; Spring 2022)

CSE 2321 Foundations I: Discrete Structures, Undergraduate Level

Teaching Assistant, The Ohio State University (Autumn 2019; Spring, Autumn 2020)

SERVICE

Secretary: CSE/CIS Peer Mentors (Aug 2020 – Jul 2021)

Panelist: OSU China Gateway Pre-Departure Orientation (Jun 2021), Experience Arts and Science Day (Feb 2020)

SKILLS

Programming

Python, C, Java, MATLAB, HTML and CSS, Ruby, JavaScript

Toolkits & Packages

Numpy, Pytorch, Tensorflow, Pandas, Matplotlib, Sklearn, NLTK, Javaplex, Ripser

Languages

*Chinese (Native), English (Fluent), Japanese (Proficient; **JLPT N2**), Korean (Elementary)*

REFERENCES

Huan Sun, Ph.D.

Assistant Professor, Department of Computer Science and Engineering
The Ohio State University

NSF CAREER Award (2020), Google Faculty Research Award (2020)

Email: sun.397@osu.edu

Website: <http://web.cse.ohio-state.edu/~sun.397/>

Yu Su, Ph.D.

Assistant Professor, Department of Computer Science and Engineering
The Ohio State University / Microsoft Semantic Machines

NSF ICICLE Institute AI Team Lead

Email: su.809@osu.edu

Website: <https://ysu1989.github.io/>

Zhenzhong Lan, Ph.D.

Assistant Professor, School of Engineering
Westlake University

First Author of ALBERT (ICLR 2020)

Email: lanzhenzhong@westlake.edu.cn

Website: https://en.westlake.edu.cn/academics/School_of_Engineering/Research/iisec/Our_Faculty/201912/t20191211_2541.shtml