



Abibulla Atawulla

ph.D candidate at
University of Chinese academy
of sciences

- Date of Birth:** Jul. 14, 1995
- 0086-15541853565
- aibibulaatawula19@mails.ucas.ac.cn
- Xinjiang Uygur Autonomous Region, China
- No.40-1 Beijing Road, Urumqi, Xinjiang, 830011, China
- [AibibullaAtawulla](#)

Profile

Aibibulla Atawulla is a Ph.D candidate at University of Chinese Academy of Sciences, China. Previously, he got bachelor degree in Computer Science and Technology from Liaoning Technical University, China (awarded in 2015). During his studying for Master Degree, he qualified for Successive Master-doctor Program. Now (Sept. 2021), it's second year for his Ph.D degree.

Skills

Programming:

- 1 Python ● ● ● ● ●
- 2 Java, C++ ● ● ● ● ●
- 4 Matlab ● ● ● ● ●
- 5 JavaScript ● ● ● ● ●

Tools:

- 1 Pytorch ● ● ● ● ●
- 2 Android, Django Web ● ● ● ● ●
- 3 ● ● ● ● ●

Develop Tools:

- 1 Pycharm ● ● ● ● ●
- 2 Android studio ● ● ● ● ●
- 3 IntelliJ IDEA ● ● ● ● ●

Area of Interests

- Dialogue System** About Task-oriented Dialogue System (contains 4 pipeline Modules: Speech recognition and synthesis, natural language understanding, dialogue manage, natural language generation), Open Domain Dialogue System.
- Low-resource NLP** About NLP application in low-resource languages e.g. *machine translation* from rich-resource languages to low-resource languages.
- Application of AI in Endangered Languages Salvation**

During M.S.c research training in Prof. Xi Zhou Group at Multilingual Information Technology Lab (Urumqi, China), I do some work about multi-domain dialogue state tracking (DST), the motivation of this work is that in DST model training process integrating external knowledge into model. Experimental result shows that this method can improve the performance of DST model. The manuscript about this work under writing.

Education

- Sept. 2021 – ongoing **Ph.D. Candidate in Computer Application technology** UCAS, China
Title: On the hunt
Supervisors: Prof. Xi Zhou
Grade: GPA: -
Dialogue system low-resource NLPProc
- Sept. 2019 – Sept. 2021 **M.S.c Candidate in Computer Application technology** UCAS, China
Title: Research and application of Multi-domain Dialogue State Tracking
Supervisors: Prof. Xi Zhou
Grade: GPA: 3.48/5
Dialogue system Dialogue State Tracking Knowledge Graph
- Sept. 2015 – Jul. 2019 **B.Sc. in computer science and technology** LNTU, China
Project Title: Design and Implementation of Shopping Website Based on Django.
Supervisors: Dr. Wei Wang
Grade: Excellent (Ranked 1th among 150 students), GPA: 3.35/5
Django Web Android Application

Competition

- Mar. 2018 **China Collegiate Computing Contest (C4) – Group** Third Prize
- Oct. 2017 **Programming Ladder Tournament**
- Oct. 2017 **Liaoning Mobile Application development Competition for College Students** Second Prize
Entry: Fire Alarm System Based On WiFi Network
- Nov. 2016 **Liaoning Mobile Application development Competition for College Students** Third Prize
Entry: Driving School Booking APP
- Jul. 2016 **Liaoning Computer Application Design Competition for College Students** Third Prize
Entry: Handheld Ta
- May 2018 **Liaoning Technical University Tenth "Eagle Cup" College Students Innovation and Entrepreneurship Competition** Bronze
Entry: Campus healthy eating record platform
- Dec. 2015 **Liaoning Technical University Twelfth PowerPoint Design Competition** Second Prize
Entry: PowerPoint Animation Themed Hardworking

Languages

Uygur (Mother Tongue)

Chinese (Education Language)

English (CET4:515 CET6:439)

Honours and Scholarship

Honours

May 2018	The Stars of Self-improvement of Chinese College Students(Nominee Awards)	China
Jun. 2019	Excellent graduates)	Liaoning, China
Apr. 2018	The 12th Top ten College Students(Ultimate Accolade in LNTU)	LNTU, China

Scholarship

Sept. 2020/2019	UCAS academic scholarship	UCAS, China
Nov. 2018	UCAS College Students Scholarship	UCAS, China
Sept. 2018/2016	National Encouragement Scholarship(Twice)	China
Sept. 2018	Liaoning Technical University Outstanding Students Special Scholarship	LNTU, China
Nov. 2018	XinFuXing Scholarship	LNTU, China

References

- Ref. 1 **Prof. Xi Zhou**
Ph.D, University of chinese Academy of sciences, China
Deputy Director of Xingjiang Technical Institute of Physics and Chemistry, Chinese Academy of Sciences
Xingjiang Technical Institute of Physics and Chemistry, Xinjiang, 830011, China
Email:zhouxi@zhouxi@ms.xjb.ac.cn
- Ref. 2 **Prof. Yating Yang**
Ph.D, University of chinese Academy of sciences, China
Professor of Multilingual Information Technology Lab, Xingjiang Technical Institute of Physics and Chemistry, Chinese Academy of Sciences
Xingjiang Technical Institute of Physics and Chemistry, Xinjiang, 830011, China
Email:yangyt@ms.xjb.ac.cn

Publications

- Fengyi Yang and Xi Zhou and Yi Wang and Abibulla Atawulla and Ran Bi(2022).Diversity Features Enhanced Prototypical Network for Few-shot Intent Detection.IJCAI 2022
- Abibulla Atawulla, Xi Zhou, Yating Yang, Bo Ma and Fengyi Yang(2022).Slot-shared Span Prediction Framework for Multi-Domain Dialogue State Tracking.Manuscript under reviewing
- Abibulla Atawulla, Xi Zhou, Fengyi Yang and Yi Wang(2022).Dynamic Schema Graph-Enhanced Model for Multi-domain Dialogue State Tracking.Manuscript under writing