



# Abibulla Atawulla

ph.D candidate at  
University of Chinese academy  
of sciences

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## 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 first 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

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

During M.Eng. 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 systemlow-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 Track-  
ing  
**Supervisors:**Prof. Xi Zhou  
**Grade:** GPA: 3.48/5  

Dialogue systemDialogue State TrackingKnowledge Graph

Sept. 2015 –  
Jul. 2019

**B.Eng. 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 WebAndroid Application

## Competition

Mar. 2018

**China Collegiate Computing Contest(C4)–Group  
Programming Ladder Tournament** Third Prize

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 Compe-  
tition** 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](mailto: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  
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## Publications

- Aibibulla Atawulla, Xi Zhou, Fengyi Yang and Yi Wang(2021).Dynamic Schema Graph-Enhanced Model for Multi-domain Dialogue State Tracking.Manuscript under writing