# TONGTONG XIE 谢桐同

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#### **EDUCATION BACKGROUND**

2018.09 - 2022.07

## B.A. IN ENGLISH LANGUAGE AND LITERATURE (TEACHING),

SHENZHEN UNIVERISITY

#### **RELATED COURSES**

#### [Computer Science]

University Computer, Fundamental Programming, Discrete Mathematics, Database Systems\*, Object-Oriented Programming\*;

#### [Mathematics]

Calculus A (1), Calculus A (2), Linear Algebra, Probabilities and Statistics, Typical Problems in Advanced Mathematics;

#### [Linguistics and Education]

Introduction to Linguistics\*, ELT Methodology, Theory of Modern Foreign Language Teaching, Pedagogy, Psychology, Multimedia and Foreign Language Teaching, Child Language Acquisition\*.

(\*: Next semester.)

#### **PUBLICATION**

2020.12

#### **CONFERENCE PAPER**

The Study of Phonological Neighborhoods in Chinese L1 and L2 Speech Production

(**Tongtong Xie**, Haiying Ye, Hongyan Wang, Jeroen van de Weijer. 2020 3<sup>rd</sup> International Conference on Algorithms, Computing and Artificial Intelligence (ACAI 2020))

#### **MAJOR AWARDS**

Star of Learning

Excellent Student Leader

Tencent Yiyou Award

Self-improvement Star of Shenzhen University

# **MY FOCUS**

## LANGUAGE, TECHNOLOGY, EDUCATION AND GENDER-BASED BIASES

Currently, I am interested in language, education and gender with computational, statistical and mathematical approaches, for example,

- How can technologies be utilized in language research and language education, especially AI, DL and ML?
- How does technology affect our education, especially CALL in AI era?
- Do tech-based approaches in language education create more gender-based biases?
- There are many NLPers, but most of them are NOT focusing on the language itself but on the beautiful parameters.

Therefore, I think, as an English (Teaching) major student, I am advantageous in exploring linguistic problems with your guidance.

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