

Xu Yekai

Curriculum Vitae

Second Year Master Student
Data Science and Information Technology
Tsinghua-Berkeley Shenzhen Institute, Tsinghua University
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EDUCATION

Sept. 2019 – **Visiting Researcher**, *Tsinghua International Relations Data & Computing Lab (DCL)*,
Jan. 2020 Tsinghua University, Beijing, CN.

- Topic:
 - *Social Media (Twitter) Data Analysis for International Relations Study*
- Supervisors:
 - Dr. He Qingqian ([See Scholar Page](#))
 - Prof. Pang Xun ([See Scholar Page](#))

Sept. 2018 – **Master's Degree**, *Data Science and Information Technology*, Tsinghua-Berkeley Shenzhen
Jul. 2021 Institute, Tsinghua University, Shenzhen, CN.

- GPA for degree courses: 3.73/4.00, GPA for all courses: 3.76/4.00
- Topics:
 - *Big Data Analysis, Computational Social Sciences*
- Supervisor:
 - Prof. Ni Shiguang ([See Scholar Page \[Chinese Only\]](#))
 - Prof. Somayeh Sojoudi ([See Scholar Page](#))

Sept. 2017 – **Exchange Student**, *Signal, Control and Robotics*, École Centrale de Nantes, Nantes, FR.
May 2018 ○ Average Score: 17.95/20, A in all nine courses

Sept. 2014 – **Bachelor's Degree**, *School of Electrical and Information Engineering*, Tianjin University,
Jul. 2018 Tianjin, CN.

- Average Score: 91.89/100, GPA: 3.87/4.00; Ranking: 3/157

Teaching Assistant Experience

Autumn 2020 **Big Data: Thinking and Behaviour**, ([Website](#)), Tsinghua Shenzhen International Graduate
School.

- Professor: Ni Shiguang

Coursera Courses

- May 2020 Public Policy Challenges of the 21st Century ([Certificate](#))
- Dec. 2019 Political Economy of Institutions and Development ([Certificate](#))
- Jun. 2019 Understanding International Relations Theory ([Certificate](#))

Honours and Scholarships

- 2020 European Forum Alpbach Scholarship (sponsor: Elsevier) **EUR 1,600 + Accommodation**
- 2018 Tianjin University Outstanding Graduate
- 2017 Zhuangbinchang Scholarship **RMB 10,000**
- 2017 Meritorious Winner of 2017 Mathematical & Interdisciplinary
Contest for Modeling (MCM/ICM)
- 2017 Challenge Cup (Social Sciences): Third Prize of Tianjin University

PUBLICATIONS

[1] **Xu, Y.**, He Q., & Ni, S. Understanding Online Public Sentiments: A Machine Learning-Based Analysis of English and Chinese Twitter Discourse during the 2019 Chinese National Day. *Accepted by IEEE IMITEC 2020.* ([Project Home Page](#)) ([Slides](#)) ([Paper](#)) ([Code Release](#))

[2] Xiong, Q., Ni, S., **Xu, Y.**, Zhang, Q., & Peng, K.(2019, June). Privacy-Friendly Personality Recognition in Social Media: A Case Study of Chinese WeChat Users. In *International Conference on Applications and Techniques in Cyber Security and Intelligence* (pp. 2013-2025). Springer, Cham. ([Paper](#))

WORK EXPERIENCE

May 2020 – **The United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP, Bangkok)**, *Economic Affairs (technology and innovation) Intern.*

Nov. 2020

– Supervised by Ms. Marta Pérez Cusó

- - Studying how inclusive business (IB) in the health sector is affected by and is responding to the COVID-19 pandemic. A policy brief is being drafted.
- - Working with Myanmar government to create a training programme for science, technology and innovation (STI) policy formulation.
- - Organizing an online seminar for promoting grassroots innovation.

May 2019 – **Guangdong OPPO Mobile Telecommunications Corp., Ltd. (Shenzhen)**, *Mobile Phone Software Development Intern.*

Jun. 2019

– Supervised by Mr. Mo Siting

- - Testing the new CuttleFish emulator for Android 10, and making preparatory work for the company's adopting of the new Android system in the future.

Jul. 2018 – **Cloopen Group Holding Limited (Beijing)**, *Algorithm Intern.*

Aug. 2018

– Supervised by Mr. Zeng Guoqing

- - Developing a face detection and gesture recognition system for new products of the company.

EXTRACURRICULAR ACTIVITIES

2020 & 2021 European Forum Alpbach | **China Youth Delegate (22 people in total)**
Participant with scholarship.

Feb. 2019 Academic Visit to the US | **UC Berkeley, NYU, Columbia Univ.**
Exchanging ideas about psychology, social work, and computational methods.

Aug. 2016 ZhiMeng Project | **A Volunteer Organization Helping High School Students in Poor Counties**
Participant of the first teaching programme, responsible for Chinese and English courses

2016 – 2017 New Media Center of the School of Electrical Engineering and Automation | **Chairman**
The founding chairman, operating the schools social media account

2014 – 2017 Peiyang English Association of Tianjin University | **From Member to Chairman**
Conducting flattening reform to the association

2014 – 2015 Peiyang Symphony Orchestra | **Member of the Bass Part**

2014 – 2015 Entrepreneurship Association of Tianjin University | **Member**

OTHER ASPECTS

1 Language Skills: Mandarin Chinese (native speaker); English; French (beginner).

- Chinese Language & Literature:
 - *Average Score: 92.27/100 (5 courses of minor study)*
- TOEFL Score:
 - *Reading: 30, Listening: 29, Speaking: 26, Writing: 27; **Total: 112** (Jun. 2020)*
- GRE Score:
 - *158 (Verbal) + 170 (Quant) + 4.5 (Writing) (Jun. 2020)*

2 Computer-aided Design (CAD), Grade I.

3 Personal interests:.

- Foreign Culture and Languages:
 - *Learning French, plan to learn Japanese*
- Travelling:
 - *Have traveled to 12 European countries during my exchange in France*
- Musical Instrument:
 - *Keyboard nonprofessional Grade 9 (top grade of Central Conservatory of Music Examination System) with Excellence*