

Xu Yekai

Curriculum Vitae

Master's Student
Data Science and Information Technology
Tsinghua-Berkeley Shenzhen Institute, Tsinghua University
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EDUCATION

- Autumn 2020 **Teaching Assistant Experience**, *Big Data: Thinking and Behaviour* ([Website](#)), Tsinghua Shenzhen International Graduate School.
- 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](#), [Prof. Pang Xun](#)
- Sept. 2018 – **Master's Degree**, *Data Science and Information Technology*, Tsinghua-Berkeley Shenzhen
Jul. 2021 Institute ([TBSI](#)), Tsinghua University, Shenzhen, CN.
○ GPA for degree courses: 3.76/4.00, GPA for all courses: 3.81/4.00
○ Topics: *Big Data Analysis, Computational Social Sciences*
○ Supervisors: [Prof. Ni Shiguang](#), [Prof. Somayeh Sojoudi](#)
- Sept. 2017 – **Exchange Student**, *Signal, Control and Robotics*, École Centrale de Nantes ([ECN](#)), Nantes,
May 2018 FR.
○ Average Score: 17.95/20, A in all nine courses
- Sept. 2014 – **Bachelor's Degree**, *Automation*, Tianjin University ([TJU](#)), Tianjin, CN.
Jul. 2018 ○ Average Score: 91.89/100, GPA: 3.87/4.00; Ranking: 3/157

Honours and Scholarships

- 2020 First-Class Scholarship of TBSI **CNY 4,000**
- 2020 European Forum Alpbach Scholarship (sponsor: Elsevier) **EUR 1,600 + Accommodation**
- 2018 Tianjin University Outstanding Graduate
- 2017 Zhuangbinchang Scholarship **CNY 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.**, Xie M., & Ni, S., Hu, Y. Depicting U.S.-China Disputes on Tech Giants through Social Media: An Attempt of Computational Political Communication. *Under Review*.
- [2] **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](#))
- [3] 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](#))

INTERNSHIP 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.
- Funded by the Graduate Student Global Competence Fund of Tsinghua Shenzhen International Graduate School (CNY 4,000)
- 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 | **Participant with scholarship (22 people in total for Mainland China)**
- 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: Reading: 30, Listening: 29, Speaking: 26, Writing: 27; **Total: 112** (Jun. 2020)
 - GRE: 161 (Verbal) + 170 (Quant) + 4.0 (Writing) (Sept. 2020)
- [2] **Coursera Courses.**
- Public Policy Challenges of the 21st Century (May 2020, [Certificate](#))
 - Political Economy of Institutions and Development (Dec. 2019, [Certificate](#))
 - Understanding International Relations Theory (Jun. 2019, [Certificate](#))
- [3] **Computer-aided Design (CAD), Grade I.**
- [4] **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*