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 – Jan. 2020 — **Visiting Researcher**, *Tsinghua International Relations Data & Computing Lab ([DCL](#))*, Tsinghua University, Beijing, CN.
- Topic: *Social Media (Twitter) Data Analysis for International Relations Study*
- Supervisors: *[Dr. He Qingqian](#), [Prof. Pang Xun](#)*

Sept. 2018 – Jul. 2021 — **Master's Degree**, *Data Science and Information Technology*, Tsinghua-Berkeley Shenzhen Institute ([TBSI](#)), Tsinghua University, Shenzhen, CN.
- GPA for degree courses: 3.73/4.00, GPA for all courses: 3.81/4.00
- Topics: *Big Data Analysis, Computational Social Sciences*
- Supervisors: *[Prof. Ni Shiguang](#), [Prof. Somayeh Sojoudi](#)*

Sept. 2017 – May 2018 — **Exchange Student**, *Signal, Control and Robotics*, École Centrale de Nantes ([ECN](#)), Nantes, FR.
- Average Score: 17.95/20, A in all nine courses

Sept. 2014 – Jul. 2018 — **Bachelor's Degree**, *Automation*, Tianjin University ([TJU](#)), Tianjin, CN.
- Average Score: 91.89/100, GPA: 3.87/4.00; Ranking: 3/157

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.**, 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 – Nov. 2020
The United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP, Bangkok), *Economic Affairs (technology and innovation) Intern*.
– *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 – Jun. 2019
Guangdong OPPO Mobile Telecommunications Corp., Ltd. (Shenzhen), *Mobile Phone Software Development Intern*.
– *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 – Aug. 2018
Cloopen Group Holding Limited (Beijing), *Algorithm Intern*.
– *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)***

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*