Yiyang Xu

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**EDUCATION**

**Shanghai Jiao Tong University**, **UM-SJTU Joint Institute** September 2018 - July 2022

Bachelor of Engineering: Electronic and Computer Engineering

Minor in Data Science

Cumulative GPA: 3.4 / 4.0

**PRACTICAL EXPERIENCE**

**Advanced Network Laboratory (ANL) at Shanghai Jiao Tong University,** Shanghai, China

*Research Assistant* July 2021 – October 2021

* Analyze the user-goods interaction history data of Alibaba e-commerce platform
* Investigate how to describe users’ preference using hierarchical features
* Construct recommendation system based on Graph Neural Networks (GNN)

**Smart Display Lab (SDL) at Shanghai Jiao Tong University,** Shanghai, China

*Research Assistant* December 2019 – June 2021

* Develop an algorithm framework of 3D navigation and target detection for AR
* Process time series data from LiDAR Scanner using deep learning framework
* Build indoor 3D map by applying Delaunay triangulation to the point cloud

**China Industrial Securities CO., LTD.,** Shanghai, China

*Equity Analyst Assistant* December 2020 – April 2021

* Gather data from stock market and companies’ financial statement using Python crawler
* Appraise companies’ development status and future trend by building valuation models
* Write research reports to provide investment recommendations for fund companies

**HONORS & AWARDS**

* Publication on SID Symposium Digest of Technical Papers 2021/08
* Presentation on International Conference on Display Technology (ICDT 2021) 2021/06
* 2020 Yu Liming Scholarship of Shanghai Jiao Tong University 2020/12
* 2020 Interdisciplinary Contest in Modeling- Meritorious Winner 2020/04
* 2018-2019 Undergraduate Excellent Scholarship of SJTU 2019/12
* Outstanding Member of UM-SJTU Joint Institute 2019/03

**ADDITIONAL EXPERIENCE**

**SJTU Inspirational Forum Host Group,** Shanghai, China *Chair,* July 2019 – now

* Host major events in SJTU, including Freshman Welcome Party and Academic Lectures.
* Recruit and train member of the host group

**Volunteer Teaching,** Bangkok, Thailand Member, December 2019 – January 2020

* Teach English in a remote primary school from grade 3 to grade 5.
* Learn Thai from local teachers and those students.