

Heng Chang

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Education

Tsinghua University, Beijing, China Aug 2013—July 2017

Bachelor of Science in Electrical Engineering and Management (Double Major)

Tsinghua University, Beijing, China Sept 2017—Present

PhD Candidate of TSBI in Data Science, advised both by Prof. [Wenwu Zhu](#) and Prof. [Somayeh Sojoudi](#).

Visiting Scholar, University of California, Berkeley, CA, USA Feb 2019—Present

Department of Electrical Engineering and Computer Sciences, advised by Prof. [Somayeh Sojoudi](#)

- My research focuses on graph representation learning, especially towards the robustness of graph neural networks.

Research Experience

Research Assistant Intern in AI Lab, Tencent, Shenzhen, China Sep 2018—Mar 2019

- Focused on the adversarial attack on Graph Neural Networks (GCN) from the perspective of Graph Signal Processing view.

Research Assistant Intern (Data Analysis Support), Tencent, Shenzhen, China Nov 2017—June 2018

- Involved in the social propagation research of the WeChat group, help to analysis the user behavior pattern and how the social dynamic cascade grow and transfer.

Research Assistant in DASlab, SEAS of Harvard University, Cambridge, America June 2016—Sep 2016

- Research on database system design and data visualization with reinforcement learning in two projects Queriosity and Data Canopy under the guidance of Prof. Stratos Idreos. <http://daslab.seas.harvard.edu/>

Research Assistant in Institute of HCI and Media Integration, Tsinghua University Sep 2015—Sep 2016

- Research on panoramic video recording and stitching for VR application advised by Prof. Jiangtao Wen.

Work Experience

AI CHALLENGE: SUMMARISING NEWS, Hackathon Junction, Helsinki, Finland Dec 2017

- Our team's submission, *BBCNewsSummarize*, explores the end-to-end deep learning for text summarization of BBC news articles and we used advanced sequence-to-sequences RNN for training our AI model.

Software Engineering Intern (Quantitative Support), WorldQuant, Beijing, China Dec 2016—Aug 2017

- Process and analyze financial market data, test the effectiveness of data, and provide support for researchers' quantification alpha generation.

Teaching Assistant at 2014 Tsinghua English Summer Camp, Beijing, China July 2014

- Volunteered as a teaching assistant in the camp.

Activities

The Department of Electrical Engineering Student Council June 2016—July 2017

Vice Chair of the Athletic Committee

- Hosted and organized a series of sports event like the spring sports meeting of our apartment as head of group.

Student Association for Science and Technology of Tsinghua University June 2016—July 2017

Head of Student Future Innovation Group

- Responsible for the construction and project management of the student future innovation group, follow the daily arrangements within the team and provide a platform for the communication between the teams.

Additional Skills and Interests

- Language skills: Professional working proficiency in English (can speak, listen, and read well) and primary Spanish for second foreign language.
- Computer skills: Proficient in LaTeX, MATLAB, R, Python, C++, TensorFlow and PyTorch.