

Jingwei Ni

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🌐 EdisonNi-hku

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EDUCATION

University College London

MSc in Data Science and Machine Learning, Degree: Distinction

London

Sept 2021 - Sept 2022

University of Hong Kong

BEng in Computer Science GPA: 3.72/4.3, Degree: 1st Class Honours

Hong Kong

Sept 2017 - June 2021

- Prizes and Awards: Dean's Honors List of HKU (2017-2018, 2018-2019), Reaching Out Award under the HKSAR Government Scholarship Fund (2018-2019)
- C.V. Starr Scholarships (2019-2020)

University of Toronto

Exchange Program GPA: 3.85/4.0

Toronto

Jan 2020 - May 2020

- Developed demos of Web front-end with React-Redux for Toronto start-ups
- Programmed GAC model and Bayesian Network with Python

University of California, Berkeley

Summer Program GPA: 3.4/4.0

Berkeley, CA

Jun 2018 - Aug 2018

- Developed projects like Gitlet and BearMap

PUBLICATION

- **Jingwei Ni***, Zhijing Jin*, Markus Freitag, Mrinmaya Sachan, and Bernhard Schoelkopf (2022). Original or Translated? A Causal Analysis of the Impact of Translationese on Machine Translation Performance. NAACL 2022 main conference accepted.
- Zhijing Jin*, Julius von Kügelgen*, **Jingwei Ni**, Tejas Vaidhya, Ayush Kaushal, Mrinmaya Sachan, and Bernhard Schoelkopf (2021). Causal Direction in Data Matters: Implications of Causal and Anticausal Learning in NLP. EMNLP 2021 main conference accepted.
- Chaozhi Chen, Yachun Gao, **Jingwei Ni** (2020). Financial Time Series Prediction Model Based Recurrent Neural Network. The 17th International Computer Conference on Wavelet Active Media Technology and Information Processing, Chengdu, China.

RESEARCH EXPERIENCE

ETH Zürich NLP group

Summer Research Internship

Remote

June 2021 - present

- Leading a project to explore the causality between translationese and machine translation performance, plan to submit to ACL 2022.
- Doing extensive research regarding NLP + Finance, co-supervised by Prof. Mrinmaya Sacha and Prof. Markus Leippold.

Max Planck Institute

Research Assistant

Remote

Oct 2020 - present

- Contributed to the project: Causal and Anticausal Learning in NLP, [the paper](#) published at EMNLP 2021 oral
- Engineering and designing contributions to other NLP and causal inference projects

Big Data Research Center in University of Electronic Science and Technology of China

Research Internship

July 2020 - Nov 2020

- Researched literature in the field of financial timing prediction to design neural network architecture; replicated models and performed experiments with Yahoo financial data; published [a paper](#) regarding financial time series prediction model
- Experiments about multi-variable prediction of stock prices on the network architecture designed by our team

University of Hong Kong

Research Assistant

Oct 2019 – Nov 2019

- Studied sound code and implementation principle of Apache Storm to realize combination of Storm and Uranus
- Modified Storm source code and utilizes Uranus JDK to test and run Storm
- Deployed Storm cluster and debug physical machine and docker respectively

INTERNSHIP EXPERIENCE

AsiaInfo Technologies (China), Inc.

Chengdu, China

Data Mining Engineer

May 2020 - Sept 2020

- Participated in optimization of recommendation model for 5G tariff terminal and establishment of information mining model for Beijing office building
- Completed television VIP potential customer identification model independently
- Adopted Python libraries such as pandas and sklearn for modelling of China Mobile customers

iFLY TEK Co., Ltd

Hefei, China

Software Engineer Intern

June 2019 – Sept 2019

- Joined in the development and rapid iteration of the software Smart Medical Assistant (a Spring Cloud project)

SKILLS

- Machine Learning: Sklearn
- Deep Learning: Pytorch, Fairseq
- Data processing/visualization: pandas/numpy/seaborn
- Other engineering skills: Operating System: Linux; Programming Languages: Python, C, C++, JavaScript, Java; Web Crawler: Scrapy; Front-end frameworks: React

ADDITIONALS

- NGO leader, *BTP (Beyond the Pivot), HKU* *Oct 2017 - Oct 2019*
- Director and Photographer, *Amour Movie Studio, HKU* *Sept 2018 - Sept 2019*