



Studied journalism at Northwestern University's Medill School, Yow Ru is now a master's student researching machine learning at UTokyo's Matsuo Lab (松尾研究室). His research interests include natural language processing, computer vision, web mining, and deep learning.

   <https://oxc7.github.io/ChenYowRu/>

## YOW RU CHEN

### Work Experience

#### AI Engineer • Matsuo Institute

Led a team of 4 to successfully renew an over \$1 million dollar business contract with clients  
Analyze clients' yearly revenue data and recommend ways to improve sales by 78%.  
Propose, design, and build Machine Learning and NLP models from scratch

September 2021 - Present

#### Data Scientist • IZA

Developing MongoDB database to integrate with data visualizing platforms  
Extracting keyphrases from error messages using large language models

May 2022 - June 2022

#### Machine Learning Intern • Ghelia Inc.

Developed and implemented multiple NLP models such as attention and transformer for accelerating research accuracy by 30%

August 2021 - August 2021

#### Information Technology Specialist • Taipei Economic & Cultural Office

Troubleshoot over 80% of the technical errors for the entire Chicago office  
Maintained and documented changes in network and software environment

October 2018 - December 2018

### Skills

- Python Library: Numpy, Scipy, Pandas, Scikit-Learn Matplotlib, Flask, Seaborn, Plotly, Scrapy
- Deep Learning Frameworks: PyTorch, Tensorflow, Keras, TensorRT
- Machine Learning: KNN, SVM, K-means, Randomforest, XGBoost, LightGBM, Spark ML
- Programming languages: C, C++, Fortran, Java, Javascript
- Linux: CLI Bash scripting
- DevOps: Git, Docker



The University of Tokyo, Japan  
M.Eng. Technology Management



Northwestern University  
B.S. Journalism