

# LU Yuxing

Final Year (B.Engineering)  
Artificial Intelligence  
at Soochow University  
GPA: 3.8/4.0(90%) Rank: 2/70  
GPA(last 2 years): 3.9/4.0(92%)

Soochow University,  
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## Links

Homepage:// [yuxinglu613.github.io](https://yuxinglu613.github.io)  
LinkedIn:// [www.linkedin.com/yxlu](https://www.linkedin.com/yxlu)  
GitHub:// [github.com/YuxingLu613](https://github.com/YuxingLu613)

## Courseworks

Algorithm(98)  
Computer Structure(97)  
Machine Learning(96)  
Python Programming(96)  
Pytorch Programming(96)  
Advanced Mathematics(94)  
Principle of Neural Network(94)  
Application of Deep Learning(93)  
Practice of Computer Vision(92)

## Language Proficiency

IELTS  
Overall 7.5(L8, R8.5, W6.5, S6.5)  
GRE  
169(Q)+152(V)+4.0(AW)

## Scholarships

Scholarship of Virtue Students(14/yr)  
from Jiangsu Education Foundation  
Scholarship of Academic Excellence  
from Soochow University  
Scholarship of Innovation  
from Soochow University

## Honors

Advanced Individual of Social Work  
from Soochow University (3 times)  
Outstanding Student Cadres  
from Soochow University

## Skills

OS  
Linux, Windows  
LANGUAGES  
Java, Python, javascript, Matlab  
OTHERS  
Pytorch, Vue, WXss,  
Markdown, Git, Vim,  
VScode, IDEA, Pycharm,  
Teaching Certificate

## Research Experience

- 2021 **National University of Singapore Research Institute** **Research Intern**  
1. Established a QA system based on a knowledge base with over 27,000 pregnancy queries and answers using the Knowledge Graph(KG) technique.  
2. Participated in a Quantitative Finance project that involved developing an investment strategy based on stock market analysis from 2018 to 2020.
- 2021 **Alibaba-Zhejiang University Joint Institute of Technologies** **Intern**  
1. Explored unsupervised and few-shot contrastive learning models and their application in tasks like Relation Extraction and Image Classification.  
2. Proposed a KG embedding method to learn category semantic information, as well as an attempt to use the pruning method to optimize KG.
- 2021(PRESENT) **Huawei Technologies Co., Ltd.** **AI Engineer(Intern)**  
Being an HMS Core AI Inter, applying ML methods for label prediction.

## Publications

- 2021 Dengfeng Ke, **Yuxing Lu**, Xudong Liu, Yanyan Xu, Jing Sun, Cheng-Hao Cai\*. An Empirical Study on End-to-End Singing Voice Synthesis with Encoder-Decoder Architectures. *Cognitive Systems Research*. 2021. (IF=3.5)  
2020-2021 **Two Software Copyrights**

## Project Experience

- 2021 **Deecamp AI Training Camp** **EEG Sentiment Analysis**  
Applied Dynamic Graph Convolutional Neural Network(DGCNN) model to perform sentiment analysis tasks with EEG signals.
- 2020 **Finland Demola Project** **Challenge: Redefining the Millennium Prize**  
Collaborated online with partners from other countries to ensure topicality and lasting relevance, novel angles and depth of the Millennium prize.
- 2020 **National Training Program for Innovation and Entrepreneurship**  
Team leader. Established an instant recommendation system (implemented by Wechat Mini-Program) for multiple users by collecting online data and creating a business portrait KG using Protégé.
- 2019 **Academic Camp for Jiangsu Undergraduates** **Yanshee AI Robot**  
Conducted secondary development(Arrange actions for multiple agents) using Raspberry Pi and Python on the Yanshee robot of Ubisoft Co., Ltd.

## Awards

- 2021 **Lanqiao Cup Computing Competition** **Second Prize(National)**  
2021 **The Mathematical Contest in Modeling(MCM)** **Honorable Mention**  
2020 **"China Software Cup" Software Competition** **Second Prize(National)**  
2020 **"Interenet +" Innovation Competition** **Bronze Medal(National)**

## Social Work

- 2020-2021 **Chairman of the Student Union**  
2020-2021 **President of the Association of Young Volunteers**  
2019-NOW **Executive Director of Volunteers Association for Autism Child**