



Lin YuChao

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Nanjing University

<https://kruskallin.github.io>

TIMELINE

Nanjing University

Sep 2016 - Jun 2020

Software Engineering B.S. Software Institute

Nanjing

- GPA: 4.45 / 5.0
- Honors/Awards: [National Scholarship](#); People's Scholarship
- Toefl: 101(R27 L24 S22 W28). The total highest section score is 107.
- GRE: 329+3.5

Nanjing University

Sep 2020

Visiting Student

Prof. Yang Yu

RESEARCH EXPERIENCE

Image Tagging Toolkits

Sep 2020 - Present

Frontend Developer

Prof. Yang Yu

Toolkits that help to tag images and videos with the following functions: selecting/resizing/rotating/cropping images like PhotoShop, tagging image sequences with polygon areas, tagging with multiple labels. [Code](#)

Simple Autocalibration Framework

Jul 2019 - May 2020

Graduation Thesis

Prof. Yang Yu

A Framework that automatically obtains the extrinsic calibration parameters of a sensor and a camera via an unsupervised depth estimator and heuristic optimization algorithm. [Code](#).

Miscellaneous

[Lane Detector](#)(Prof. Yang Yu), [NER Tagger](#)(Prof. Xinyu Dai), etc.

PROJECT EXPERIENCE

Large-Scale Legal Instrument System

Sep 2018 - Sep 2019

National Training Program (supervised by Prof. Jidong Ge)

Backend Developer

A distributed legal instrument web system with the following functions: searching in millions of instruments; legal instrument recommendation.

Technologies: SpringBoot, (Java)Spark, Elasticsearch

Citi Cup Financial Competition

Jul 2018 - Nov 2018

The Winning Prize (Top 20)

Technical Team Leader

A campus-based lend-lease platform with automatic risk assessment and investment recommendations. [Code](#).

Technologies: SpringBoot(incl. Spring Security, Spring Cache, etc.), Vue, Flask, Pytorch

Miscellaneous Project

[Web Template](#), [P2P-Instance Messaging](#), many outsourcing projects, etc.

SKILLS & OTHERS

- **Interests:** Pattern Recognition and Simulation, Software System Developing
- **Work:** Teaching Assistant of Operating System Class, Assistant of Psychological center of Nanjing University