



Lin YuChao

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TIMELINE

NanJing University Sep 2016 - Jun 2020
Software Engineering B.S. Software Institute NanJing

- GPA: 4.45 / 5.0
- Honors/Awards: National Scholarship (Rank 5%); People's Scholarship
- Toelf: 101(R27 L24 S22 W28). The total highest section score is 107.
- GRE: 329+3.5

Nanjing University Jul 2020
Research Assistant Prof. Yang Yu

RESEARCH EXPERIENCE

Unsupervised Depth Estimation Dec 2019 - Present

Independent Research

Estimate depth in the urban road using binocular images and improve the performance using Lagrange interpolation sampling method and pyramid window-based image distance loss. Source code private(For 2021CVPR).

Simple Autocalibration Framework Jul 2019 - Dec 2019

Independent Research Prof. Yang Yu

Automatically obtain the extrinsic calibration parameters of a LiDAR sensor and a camera via an unsupervised depth estimator and heuristic optimization algorithm. For further details please see [code](#).

MISCELLANEOUS

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

PROJECT EXPERIENCE

Legal Instrument System Sep 2018 - Sep 2019

National Training Program Backend Developer

A legal instrument web system with following functions: searching in large quantities of instruments; legal instrument recommendation. Source code private.

Technologies: SpringBoot, Vue, 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 repositories](#). [Video demo](#).

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

MISCELLANEOUS PROJECT

[Web Template](#), [P2P-IM](#), [ERP system](#), [Crowdsourcing Tagging System](#)

SKILLS & OTHERS

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