



# Lin YuChao

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<https://kruskallin.github.io>

## TIMELINE

<b>NanJing University</b>	Sep 2016 - Jun 2020
Software Engineering B.S. Software Institute	NanJing
<ul style="list-style-type: none"><li>GPA: 4.45 / 5.0</li><li>Honors/Awards: National Scholarship (Rank 5%); People's Scholarship</li></ul>	
<b>Nanjing University</b>	Jul 2020
Research Assistant	Prof. Yang Yu

## RESEARCH EXPERIENCE

<b>Unsupervised Depth Estimation</b>	Dec 2019 - Present
Independent Research	
Estimate depth in urban road using binocular images and improve the performance of sampling method and image distance. Source code private.	
<b>Simple Autocalibration Framework</b>	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. For further details please see <a href="#">code</a> .	

## MISCELLANEOUS

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

## PROJECT EXPERIENCE

<b>Legal Instrument System</b>	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.	
<b>Technologies:</b> SpringBoot, Vue, ElasticSearch	
<b>Citi Cup Financial Competition</b>	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. <a href="#">Code repositories</a> . <a href="#">Video demo</a> .	
<b>Technologies:</b> SpringBoot(incl. Spring Security, Spring Cache etc.), Vue, EChart, Flask, Tensorflow	

## MISCELLANEOUS

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

## SKILLS & OTHERS

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