# YUXUAN LI

## EDUCATION

**University of California, Los Angeles** *2019 - Present*
Ph.D. in Mechanical Engineering.
**Shanghai Jiao Tong University** *2015 - 2019*
B.S. in Aeronautics and Astronautics. (with Honors)

## PUBLICATIONS

1. **Yuxuan Li**, Zi'ang Wang, Bin Yu, Bin Zhang, Hong Liu[2020]; "Gaussian models for late-time evolution of two-dimensional shock–light cylindrical bubble interaction," *Shock Waves*, **30**, 169-184

2. Junqi Wu, Daxiong Lu, Haochen Liu, **Yuxuan Li**, Kangyan Xu[2018]; "Double-Rotor tailstock type vertical take-off and landing Rotary-flying unmanned aerial vehicle" (Publication No. CN207433798U) (China patent)

## RESEARCH EXPERIENCES

| | |
|---|---:|
| Undergraduate researcher, SJTU School of Aeronautics and Astronautics | *2018-2019* |
| Undergraduate researcher, UCLA Mechanical and Aerospace Engineering Department (UCLA-CSST program) | *2018* |
| Undergraduate researcher, SJTU Turbofan Technology Engineering Institute | *2016-2018* |
| Undergraduate researcher, SJTU Aircraft Sports Club | *2016-2017* |

## AWARDS

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|---|---:|
| UCLA Mechanical and Aerospace Engineering department fellowship | *2020-2021* |
| UCLA Mechanical and Aerospace Engineering department fellowship | *2019-2020* |
| SJTU Outstanding Graduates | *2019* |
| Hongyi Scholarship of SJTU | *2018* |
| UCLA Cross-Disciplinary Scholars in Science and Technology (CSST) Scholarship | *2018* |
| ROLMEX Technology Aerospace Scholarship | *2017* |
| 3rd Prize of Fei Bao Cup National Aerospace Knowledge Competition Final | *2017* |
| Best DIY Award in Honeywell Aerospace Innovation Competition | *2017* |
| Academic Excellence Scholarship of SJTU | *2016* |
| Outstanding Student of Academic Records in SJTU | *2016* |

## SKILLS

**Programming**

- Julia, Matlab, LaTeX, Fortran

**Software**

- Tecplot, X-Plane, AutoCAD, UG NX, Solidworks

**Experiments**

- UAV building and testing, Autopilot configuration, 3D-printing, Laser cutting

**Certificate**

- China National Occupational Qualification Certificate of Aero-engine Test Engineer (5th level)

## OTHERS

### Recreations: Rubik's Cube

- Rubik's Cube former SJTU record holder (2x2x2)

- Rubik's Clock ranking 235th worldwide in 2016.

- World Cube Association ID: 2016LIYU02