

YUXUAN LI

EDUCATION

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|---|-----------------------|
| University of California, Los Angeles Ph.D. in Mechanical Engineering. | <i>2019 - Present</i> |
| Shanghai Jiao Tong University B.Eng. in Aerospace Engineering. (with distinction) | <i>2015 - 2019</i> |

PUBLICATIONS

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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 Wu, 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

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

AWARDS

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| SJTU Outstanding Graduates | <i>2019</i> |
| Hongyi Scholarship of SJTU (Top 5%) | <i>2018</i> |
| ROLMEX Technology Aerospace Scholarships of SJTU (Top 5%) | <i>2017</i> |
| 3rd Prize of Fei Bao Cup National Aerospace Knowledge Competition Final | <i>2017</i> |
| Best Practical Ability Award in Honeywell Aerospace Innovation Competition | <i>2017</i> |
| Academic Excellence Scholarship of SJTU | <i>2016</i> |
| Outstanding Student of Academic Records in SJTU (Top 10%) | <i>2016</i> |

SKILLS

Programming

- Julia, Matlab, \LaTeX , Fortran, C++, Visual Basic

Software

- Tecplot, Pointwise, CATIA, X-Plane, AutoCAD, UG, Solidworks

Experiments

- fixed-wing RC aero-models, Pango 3D-printer, Laser cutter, PIV, Pixhawk autopilot, CC3D Flight Controller

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