YUXUAN LI

EDUCATION

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

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 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

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

SJTU Outstanding Graduates *2019*

Hongyi Scholarship of SJTU (Top 5%) *2018*

ROLMEX Technology Aerospace Scholarships of SJTU (Top 5%) *2017*

3rd Prize of Fei Bao Cup National Aerospace Knowledge Competition Final *2017*

Best Practical Ability Award in Honeywell Aerospace Innovation Competition *2017*

Academic Excellence Scholarship of SJTU *2016*

Outstanding Student of Academic Records in SJTU (Top 10%) *2016*

SKILLS

Programming

- Julia, Matlab, 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