

# YUXUAN LI

## EDUCATION

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<b>University of California, Los Angeles</b> Ph.D. in Mechanical Engineering.	<i>2019 - Present</i>
<b>Shanghai Jiao Tong University</b> B.S. in Aeronautics and Astronautics. (graduating with honors)	<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,  $\text{\LaTeX}$ , 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

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### **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