

オウ イシン  
王 一臻

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## Education

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### The University of Tokyo

Master, Mechanical Engineering, Hasegawa Lab

Oct 2023 – Sep 2025  
Tokyo, Japan

- Automated optimization of pulsating waveforms for drag reduction in turbulent pipe flow experiments

### University of Melbourne

Master, Mechanical Engineering (Withdrawn)

Jan 2019 – Dec 2019  
Melbourne, Australia

- Energy transport in high-Reynolds-number turbulent boundary layers over rough walls

### Shanghai Jiao Tong University

Bachelor, Energy and Power Engineering; Minor in Musicology

Sep 2014 – Sep 2018  
Shanghai, China

- Dilution effects of DME and ethanol on methane flames

- Dynamic characteristics of hydrogen-cooled generator stator foundations

### Shanghai Experimental School

High School

Sep 2011 – Aug 2014  
Shanghai, China

## Skills

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### Programming

Python, MATLAB, C/C++, Emacs Lisp

### 3D Modeling & Simulation

SolidWorks, OpenFOAM, ANSYS

### Tools

Microsoft Office, L<sup>A</sup>T<sub>E</sub>X

### Systems

GNU/Linux, openWRT, BSD

## Languages

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- Mandarin Chinese: Native
- English: Business Professional
- Japanese: JLPT N2 (Business Level)

## Interests

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- Classical Music: Amateur Violist
- PC DIY: Server Administrator
- Detective Novels