

オウ イシン
王 一臻

WANG Yizhen

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Education

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Master, Mechanical Engineering (Withdrawn)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

◦ Programming

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

◦ 3D Modeling & Simulation

SolidWorks, OpenFOAM, ANSYS

◦ Tools

Microsoft Office, \LaTeX

◦ Systems

GNU/Linux, openWRT, BSD

Languages

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

Interests

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