

オウ イシン 王 一臻

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Education

The University of Tokyo

Master, Mechanical Engineering, Hasegawa Lab

Oct 2023 – Sep 2025
Tokyo, Japan

- Automatic Optimization of Pulsating Waveform for Drag Reduction in Experiment of Turbulent Pipe Flow
- Master's thesis received the Award of Society of Automotive Engineers of Japan (JSAE)

University of Melbourne

Master, Mechanical Engineering (Withdrawn)

Jan 2019 – Dec 2019
Melbourne, Australia

- Investigation of energetic motions in rough-wall turbulent boundary layers

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, L^AT_EX

◦ 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