



Weiyu Cao

Technical Support Engineer II

“While it is true that practice is the only way to examine knowledge, we also need to recognize logical tools are necessary to spread the knowledge and facilitate the progress of our understanding to the world. In Engineering, simulation is such kind of powerful tool.”

BIO

Weiyu discovered his passion for fluid dynamics and engineering simulations during his Bachelor’s studies. This passion led him to pursue advanced degrees in Aerospace and Mechanical Engineering. He is a team player and believes that teamwork and education are the basis of technology development in human society.

GOALS

- Strive for scientific advancement and push the boundaries of knowledge
- Help Ansys users improving their skills and productivity
- Continuously seek excellence

Ansys EXPERIENCE

Weiyu joined Ansys as technical support engineer. Since then, he has been exposed to a vast variety of problems as he helped customer from various industries. Going above and beyond to ensure customer satisfaction has been one of his mainstays. During this period, he also contributed to explore new combustion and chemical reaction solutions for the industry.

SPECIALTIES

- Heat Transfer
- Aerodynamics
- Turbulence
- Combustion Process
- Scrum Practitioner

INDUSTRY INTERESTS

- Aerospace
- Turbomachinery
- Electrification
- Propulsion
- Biomedical Devices



PROFESSIONAL

EDUCATION

Doctorate in Mechanical Engineering, University of Michigan – Ann Arbor, USA

Masters in Aerospace Engineering, University of Michigan – Ann Arbor, USA

Bachelors in School of Jet Propulsion, Beihang University, Beijing, China

PERSONAL

INTERESTS

STEM, Tennis, Philosophy, Cooking & Eating

LANGUAGES

English, Chinese

COMPETENCIES

SIMULATION



ENGINEERING



LEADERSHIP



Ansys PHYSICS

