

Curriculum Vitae

PERSONAL DETAILS

Name: *Cao, Ge*
Nationality: *China*
Birthday: *01/07/1998*

EDUCATION

09/2016 - 07/2020 **BSc. Theoretical and applied Mechanics**
BEng. Computer science and Technology (dual major)
University of Science and Technology of China, Hefei, China
Since 09/2020 **MSc. Computational Science and Engineering**
ETH Zurich, Switzerland

ACADEMIC EXPERIENCES

Member of Hsue-Shen Tsien Talent Program in Mechanics (2016-2020);
Teach Assistant: Linear Algebra (2019 Fall semester)

RESEARCH EXPERIENCES

2019 Summer semester Department of Applied Physics, University of Twente, Netherlands
Supervision: Prof. Detlef Lohse.
Animation of mecroscopic fluid simulation.
2022 Spring semester D-INFK, ETH Zurich , Switzerland
Supervision: Prof. Markus Gross.
Flexible control of Ferrofluid, and a newly proposed Ferrofluid solver.

PROFESSIONAL EXPERIENCE

2020 Summer **Internship: NetEase Games, Guangzhou, China**
Game engine developing.
11/2021 - Present **Internship: Taichi Graphics, Remote**
Graphics engineer.

Research Interests

Research interest: *Physically-based simulation*