

# Curriculum Vitae — Chenyu Shen

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## Education

**University of Science and Technology of China** **Hefei, China**

Research Assistant (09/2022-06/2025 (expected))

Department of Modern Mechanics

**University of Science and Technology of China**

**Hefei, China**

Department of Modern Mechanics

M.E., June 2025

Major: Mechanics

(expected)

Thesis Advisor: Linghui He

**University of Science and Technology of China**

**Hefei, China**

School of the Gifted Young

B.S., June 2022

Major: Computational Mathematics

Thesis Advisor: Linghui He

## Teaching Experience

**University of Science and Technology of China (TA)**

Calculus I, 2023 Fall

## Publications

1. Linghui He and Chenyu Shen, 2025, Micropolar modeling for bending shape of 2D lattices: the case of equilateral triangular cell structure, *Extreme Mech. Lett.*, 74, 102281.
2. Linghui He and Chenyu Shen, 2025, bending of triangular lattices comprising zigzag beams, *International Journal of Engineering Science*, Under Review.

**Intro:** These two article studies a periodical two dimensional structure called lattice. They are made of rods or beams. Theoretical model based on different mechanics theories was developed to capture the deformation of this kind of material.

## Honors & Awards

Academic Graduate Scholarship, First Prize, 2022-2024.

Outstanding Undergraduate Scholarship, Silver Prize, 2018.