

## Yuanlv Chen

(Also spelled as: Yuanlyu Chen)

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Personal Website: <https://ylchen22.github.io>

## EDUCATION

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### The Chinese University of Hong Kong, Shenzhen

Shenzhen, China

M.Sc. in Data Science

School of Data Science & School of Management and Economics

2025 - 2027 (Expected)

### University of Electronic Science and Technology of China

Chengdu, China

B.E. in Industrial Engineering, School of Mechanical and Electrical Engineering

2020 - 2024

**GPA:** 3.43 / 4.0

**Highlighted courses (score):** Probability and Mathematical and Statistics (86), Engineering Mechanics (86), Stochastic Process and Its Applications (92), Operations Research (85), Systems Engineering (88), Reliability Engineering (90)

## RESEARCH EXPERIENCE

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### Undergraduate Research

2022 - 2025

Center for System Reliability and Safety, UESTC Advisor: Prof. Yu Liu, Prof. Tangfan Xiahou, Prof. Yan Shi

### Research Assistant (Remote)

2024 - 2025

SCALE Lab, Northwestern University

Advisor: Prof. Yiping Lu

## PROJECTS & PUBLICATIONS

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### UESTC Innovation Training Program

2022 - 2023

Application software for the reliability prediction of electronic products in medical devices and systems.

Yuanlv Chen, Yan Shi, Hong-Zhong Huang, Dong Sun, and Michael Beer. **Uncertainty Analysis of Structural Output with Closed-Form Expression Based on Surrogate Model.** Probabilistic Engineering Mechanics 73 (July 2023): 103482.

Ruihan Xu, Yuanlv Chen, Yiping Lu. **Online Dynamic Mode Decomposition via First-Order Feedback.** (Under Review)

## CODING SKILLS

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**Familiar:** MATLAB, Python

**Basic:** C, C++, SQL, Javascript, Latex

## OTHERS

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### Languages

Mandarin Chinese (Native), English (Proficient), Cantonese (Intermediate)

### Hobbies

I enjoy watching sports and playing them myself in my free time, especially football (soccer). I am also an enthusiast of film, literature, and history.