

# Su Kezheng

## My Personal L<sup>A</sup>T<sub>E</sub>X CV

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💬 skz111111111

📺 My Video Space

🔗 https://ssskz.github.io

📍 Tianjin, China

🌐 https://github.com/ssskz



## Educational Background



### Tangshan NO.1 High School

2017 – 2020

Senior in Chinese Physics Olympiad

Provincial second prize

Tangshan, Hebei

- Relevant courses: Theoretical mechanics, Quantum mechanics, Thermodynamics and statistical mechanics.



### Nankai University

2020 – 2024

BS in Mathematics and Applied Mathematics

CGPA:35/118

Tianjin, China

- Relevant courses: Algebra, Dynamical System, Differentiable Manifold, Parallel programming, CUDA.

## Internship Experience



### Industrial and Commercial Bank of China

July 2022

Software Development Center Intern

2 months

- Software Backend Development – JAVA SpringBoot, Oracle

## Programming Experience



### Nankai Data Analysis Consulting Service([nkdocs.com](http://nkdocs.com))

May 21, 2021

NKDACS: Open knowledge integration, statistics, data analysis institution

Tianjin, China.

- Built to produce publication-quality plots.
- Provide basic functionalities including polynomial and exponential fitting of data.



### Nankai BBS ([bbs.nankai.edu.cn](http://bbs.nankai.edu.cn))

Oct 11, 2021

NKBBS: Academic discussion, life communication, campus network forum

Tianjin, China.

- Responsible for the maintenance and development of the front-end of the website.

## Academic Projects

### Semester Projects

- Nankai University C Language Learning Website Spring 2021
  - Bootstrap+Python Dash architecture
  - This product is now open in Github. ([C-Website-Programing](#))
- Graduate Referral System Spring 2021
  - Nankai University School of Statistics and Data Science
  - This product is now open in Github. ([System-sandbox](#))
  - This project is deployed on the Linux server. ([Graduate Referral System](#))
- Parallel Machine Learning Architecture Fall 2021
  - Native MPI, Parallel Programming, Machine-Learning, MapReduce
  - Development platform: Nankai University High Performance Computing Platform ([hpc.nankai](http://hpc.nankai))
  - Project Mentor: Associate Professor, [Xiang Bing](#)

### University-Level Projects

- Study On Cell Type Annotation Method For Single-Cell Chromatin Open Data Spring 2022
  - Bioinformatics, Machine-Learning

- 2022 University-level scientific research projects (Research funding: ¥2,000)
- Project Mentor: Associate Professor, [Chen Shengquan](#)

## Personal Skills

- Software: MATLAB, Xcode, Final Cut Pro X, Adobe Indesign, Microsoft Visio
- Programming languages: Python, C/C++, L<sup>A</sup>T<sub>E</sub>X, CUDA
- Languages: Chinese, Japanese, English
- Interests: Programming, Manifold, Topology, General Relativity.

## Honorary Awards

- 2021 Chinese Undergraduate Physics Experiment Competition: **CUPEC Excellence Award**
- 2022 Chinese Undergraduate Mathematical Contest in Modeling: **CUMCM Second Prize**
- 2023 Interdisciplinary Contest In Modeling: **ICM Finalist Awards**
- 2021 Nankai University Scholarship: **Excellence Scholarships 2000¥**

## Publications / Technical Writing Experience

### Publications

- **Kezheng Su** (Feb 2021). *The proving history of Fermat's theorem and its elementary discussion*, Boling Journal (**School Level**) No.18, PP.19-22.
- **Kezheng Su** (Nov 2022). *Study of tubular surfaces*, Boling Journal (**School Level**) In Publication.

### Semester Thesis

- **Kezheng Su**, Lingyi Yang, and Jing Hu (Dec 2020). *Research on Influencing Factors of students' achievement based on K—means algorithm*. as Final thesis.
- **Kezheng Su**, Xingjuan Li (May 2021). *Nankai coin : a school level public project supervision mechanism*. as Final thesis.
- **Kezheng Su**, Weidong Liu, and Bing Xiang (Dec 2021). *Parallel Gauss—Seidel iteration for solving sparse linear equations*. In Preparation.

## Referees

### Dr. Xiang

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Associate Professor

School of Mathematical Sciences

Department of Science and Engineering

Computing

Nankai University

### Dr. Chen

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Associate Professor

School of Mathematical Sciences

Department of Information and Data

Science

Nankai University