

Su Kezheng

My Personal L^AT_EX CV

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📺 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.

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](#))
 - 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](#)

Programming Experience



Nankai Data Analysis Consulting Service([nkdacs.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](#))

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.



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Personal Skills

- Software: MATLAB, Xcode, Final Cut Pro X, Adobe Indesign, Microsoft Visio
- Programming languages: Python, C/C++, \LaTeX , CUDA
- Languages: Chinese, Japanese, English
- Interests: Programming, Manifold, Topology, General Relativity.

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

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Associate Professor

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Associate Professor

School of Mathematical Sciences

Department of Information and Data
Science

Nankai University