Su Kezheng

My Personal LaTeX 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:57/121   Tianjin, China

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

Peking University
2024 – 2027

ME in Electronic Information   Beijing, China

- Research direction: Fintech, Blockchain, Quantitative Investment, Big Data Analysis.

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 (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.

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

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.

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

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