



🎓 Education

Southwest Jiaotong University (2021.09 – current)

BEng Computer Science and Technology

🏆 Honors and Awards

- 2023 Second Prize in the 15th CMC (第十五届全国大学生数学竞赛二等奖)
- 2023 Second-Class Comprehensive Scholarship (学校综合二等奖学金)
- 2022 Second Prize in the 14th CMC (第十四届全国大学生数学竞赛二等奖)
- 2022 Second-Class Comprehensive Scholarship (学校综合二等奖学金)
- 2022 Mingcheng Award (明诚奖)

📖 Academic Performance

Major Ranking: 20/98

- Mathematics Courses: 概率论与数理统计 100, 高等数学 II 98, 高等数学 I 92, 离散数学 90, 线性代数 86, ...
- Major Courses: 高级语言程序设计 99, Information Retrieval 91, 面向对象程序设计 90, Operating System 90, 计算机组成原理 86, 计算机网络 85, ...
- English: CET-4 593, CET-6 522

🔧 Technical Proficiency

- Proficient in using modern terminal, shell, common command-line tools (such as tmux, objdump, readelf, etc.), and IDEs
- Familiar with Linux environments, with a good understanding of UNIX Philosophy
- Capable of quickly learning new tools by using modern search engines, reading manuals, or official documentation (written in English)
- Possess good coding practices, with experience in managing small projects using git
- Proficient in development using C and C++ (C with STL)
- Skilled in using Python as a scripting language to automate daily tasks
- Proficient in writing documents using LaTeX and Markdown

🏢 Projects

Information Retrieval (more info: <https://github.com/ShitaoTang/Information-Retrieve>)

- Implementing a download engine to fetch at least 500 English and 500 Chinese documents/web pages.
- Preprocessing the downloaded documents automatically:
 - Special characters removal, tokenization, Chinese words segmentation, stop-words removal, Porter Stemming.
- Establishing and implementing a text search functionality.
- Implementing document similarity comparison.
- Implementing a duplicate check program.
- Clustering of downloaded documents using k-means.