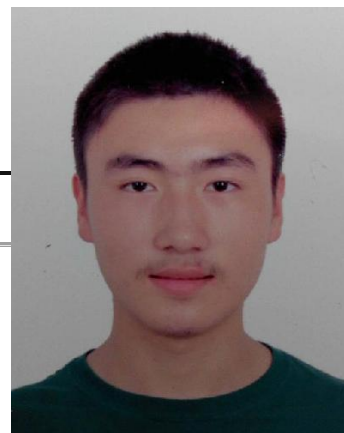


Fan Jin (金帆)

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EDUCATION

Undergraduate 2019 | Tsinghua University

- Major: Automation
- Minor: Applied Statistics
- Overall GPA: 3.47 / 4.0
- Rank: top 15%
- Scholarship: Outstanding Academic Award (freshmen & sophomore), Zheng Geru Scholarship (sophomore)

English

- GRE: 322 + 4.0
- TOEFL iBT: 99
- CET-6: 592

Computer Programming

- C++/Java/R/C#
- <https://github.com/kingium>

Academic interests

- Data science
- Reinforcement learning (under guidance of Prof. Minlie Huang in Dept. of CS, Tsinghua)

Selected Courses

- Introduction to Data Science (4.0), Linear Regression Analysis
- Elementary Probability Theory (3.7), Statistical Inference (3.3)
- Linear Algebra (4.0), Calculus (3.7)
- Signals and Systems (4.0), Data Structure

EXPERIENCE

Oct 2016 – Jun 2017 Mathematical Modeling of Wind Power for Turbines under guidance of Prof. Fan Yang
(report: http://119.28.44.116/files/SRT_report.pdf in Chinese)

EVENTS	WHEN	AWARDS
Mathematical Contest of Modeling (top mathematical contest in the world)	Jan 2017	Honorable Mention
Beauty of Programming by Microsoft (focused on applications of cloud computing)	May 2016	Rank 118, Semi-final

PROJECTS

- | | | |
|--|-----------|------------------------------------|
| • Data Mining with University Ranking Analysis | Nov 2016 | Capstone Project for Data Science |
| • Development of Dual-display Augmented Reality App | Mar 2017 | Guided by Dr. Jingtao Fan |
| • Implementation of a Star-rail-mix Algorithm | Aug 2016 | Summer Vacation Project |
| • A simplified version of railway ticket booking system | Aug 2016 | Capstone Project of Summer Courses |
| • Some hard-level algorithm problems on Leetcode | Oct 2016 | C++ implementation |
| • Compiler for the Jack language (https://github.com/kingium/JackCompiler) | | Java implementation |
| • Analysis of Wind Speed Series at Wind Power Plant | June 2016 | for Time Series Analysis course |