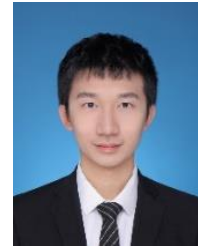


# Jiaye Teng

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## EDUCATION

**Shanghai University of Finance and Economics (SUFU)**

**09.2016 - 06.2020**

**Major:** Experimental Class of Statistics

**GPA: 3.87/4.0 Rank: 2/157**

**Courses:** Mathematical Analysis (94) Advanced Algebra (99) Text Mining Technology (100)

**Computer Skills:** Python (sklearn and Keras), Latex, SAS

**Language:** CET-6: 572/710

## HONORS

- **2018-2019** 2018 SUFE Top10 Students of the Year, Youth Pacesetter
- **2017-2018** National Scholarship, Academic Achievement Award
- **2016-2017** National Encouragement Scholarship, Merit Student

## COMPETITION

**Gold Medalist in the 2019SAS(China) Data Analysis Competitions**

**09.2018 - 12.2019**

- Worked as a modeler, and explore interpretable credit model with data-driven and task-driven.

**Gold Medal in The Chinese Mathematics Competitions**

**11.2018 - 03.2019**

- Ranked 18<sup>th</sup> among the country, with a total of 138,832 students

**National Second Prize in China Mathematical Contest in Modeling**

**09.2017 - 11.2018**

- Worked as a team leader and modeler, and won the National Second Prize (winning rate of 3.5%) in two consecutive years (2017, 2018)
- Proposed an Intelligent Search Algorithm based on dynamic programming approximation, which lifted TSP's operational efficiency up to 94% in 2018
- Designed an economic model increasing the packaging model's efficiency by 5.7% in 2017

## RESEARCH

**Research on Architecture in Deep Learning**

**06.2018 - 02.2019**

- Proposed a new DL architecture to deal with the fine-tuning problems and AutoML problems
- Integrated statistical thoughts of hypothesis test into pruning algorithm and reconstructed the DL architecture based on graph theory, which improved cifar10's accuracy by 0.61% (stable)

**Research on Goodness of Fitting Test**

**01.2018 - 03.2019**

- Honored as "Excellent Project", which was applied into the development of Experimental Class
- Proposed a new method TaS by calculating the contribution of each sample to the distribution and introduced a stepwise screening method to deal with the grouping problem

**Assistant Research Fellow in Course Construction**

**06.2018 - 11.2018**

- Assisted Prof. Bai in preparing the materials for the course of Machine Learning, including handout, PPT, experiment manual, experiment code, etc. The course received unanimous praise

## SOCIAL EXPERIENCE

**National Outstanding Team in "One Belt, One Road" Special Survey**

**06.2017 - 09.2017**

- Worked as team leader in charge of coordination, and won the Outstanding Individual Award and the Outstanding Team Award
- Creatively took basic education as a breakthrough, visited Liaoning, Jiangsu, etc. and discussed the development prospects of basic education with Local Education Bureau staff