

# Fan Jiaxin

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## Education

### Beijing Jiatong University, China

*MSc in Transportation Planning and Management*

Percentage: 87/100 (Total Credits: 18/32)

*Sep 2021 – Present*

### Nanjing Agricultural University, China

*BSc in Transportation*

GPA: 3.65/4.5

*Sep 2017 - Jun 2021*

**Thesis:** *Design And Optimization Of A Disc Brake.*

**Supervisor:** Associate Professor Guozhu Zhao

## Project Experiences

### Research Assistant

*Beijing Jiatong University*

Sep 2021 - Present

*Beijing, CN*

- Ongoing projects on highway tolls.

### Research Assistant

*Nanjing Agricultural University*

Mar 2019 - Jun 2020

*Nanjing, CN*

- Responsible for the university-level Student Research Training project: *"Design of roof greening automatic irrigation system based on SMS platform"*.
- The key objective was design a drive control circuit using Keil C to write to the MCU program, and use Proteus to simulate the STC89C51 single chip machine to improve the scheme, and add the SMS platform module to the system for remote controlling.

## Work Experience

### Private Tutor

*Leling Education*

Nov 2020 - Jun 2021

*Nanjing, China*

## Student Work Experience

**2017.09-2018.06:** Member of New Media Center, Student Union, Youth League Committee of Agricultural Machinery Department

**Work content:** WeChat content publish; Video edit; Poster design; Photo shot.

**2018.09-2019.06:** The leader of Press and Media Center, Career Development Association.

**Work content:** Operation of WeChat official account; Photoshoot of activities; Management of the department.

## Research Interests

Intelligent Transportation Systems, Data Analysis and Visualization, Machine Learning, etc.

## Relevant Skills

**Programming Languages:** Intermediate at Python, C, MATLAB.

**Applications:** AutoCAD, TransCAD, ArcGIS, SPSS, VisSim, Cisco Packet Tracer, Adobe Photoshop, Adobe Premiere Pro, Adobe After Effect, VOSviewer.

## Certifications

**2019:** Advanced AutoCAD-Vocational and Technical Training Certificate

**2019:** NCRE-4 (National Computer Rank Examination)

**2018 & 2019:** CET4(628), CET6 (549)

## Awards/Scholarships

**2017-2018 & 2019-2020:** National Inspirational Scholarship

**2017-2018 & 2018-2019:** Merit Student Scholarship

**2019:** Outstanding Leader Merit Student of the Career Development Association

**2019:** Third Prize of "Internet +" Innovation and Entrepreneurship Competition of Nanjing Agricultural University

**2018:** Third Prize of National English Contest for College Students