

Fan Jiaxin

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Education

Beijing Jiaotong 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 Jiaotong University

Sep 2021 - Present

Beijing, CN

- Ongoing projects on Urban Rail Transit

Research Assistant

Nanjing Agricultural University

Mar 2019 - Jun 2020

Nanjing, CN

- Successfully designed and implemented a roof-greening automatic irrigation system with advanced features, including remote control functionality through the SMS platform
- Developed a robust drive control circuit and MCU program using Keil C, ensuring reliable operation of the system
- Optimized the performance of the STC89C51 single-chip machine through simulation using Proteus software, resulting in an efficient and reliable solution

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