Xiaoyu Sun

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Education

B.S in Computer Science GPA: 3.82/4.00   September 2018 - Present
Rutgers, The State University of New Jersey – New Brunswick, New jersey

Research Experience

Rutgers Aresty Research Assistant Program   September 2020 - Present
Research Assistant

- Conducted research on the topic of "Artificial Intelligence for Next-Generation Intelligent Transportation Systems"

Rutgers Undergraduate Research Journal   September 2019 - September 2020
Junior Founder

- Found the university-wide undergraduate research journal
- Designed a course of peer review in research for new members to familiar with the review process
- Worked with a team of 13 fellow junior founders to form the syllabus for the course we provided
- Reviewed papers in different fields as a reviewer
- Given review reports to authors with suggestions

Course Projects

Rutgers CS440: Introduction to Artificial Intelligence

- **Fast Trajectory Replanning**

- **Face and Digit Classification**

Rutgers CS444: Deep Learning

- **Placeholder**

Coursera: Machine Learning by Stanford University

- **Placeholder**

Teaching Experience

Rutgers University   September 2020 - Present
Recitation Instructor, ODASIS

- Fall 2020 - General Physics II

- Topics include: Electricity, Electric Circuits, Electromagnetism, Optics, Special Relativity, and Radioactivity.
- Recorded recitation video per week explain homework questions.
    * Click here: Youtube playlist of all my teaching material
- Held three hours review session weekly for all students who are taking the subject
- Held two hours office hour per week

Technical Skills

Programming: PyTorch, Python, Java, C, mySQL

Markup: LaTex, Markdown