

# Xiaoyu Sun

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Github: [github.com/sxy-sun](https://github.com/sxy-sun)

## Education

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**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

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**Rutgers Aresty Research Assistant Program** September 2020 - Present  
*Research Assistant*

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

**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

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**Rutgers CS444: Deep Learning**

- Placeholder

## Teaching Experience

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**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

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**Programming:** PyTorch, Python, Java, C, mySQL

**Markup:** LaTeX, Markdown