

# Xiaoyu Sun

Email: xiaoyu.sun@rutgers.edu

Website: shayxs.github.io

## 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

Relevant courses:

- Data Structure
- Discrete Structures I/II
- Principles of Information and Data Management
- Introduction to Artificial Intelligence
- Machine Learning
- Deep Learning

## 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"

**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

## Teaching Experience

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**Rutgers University**

September 2020 - Present

*Recitation Instructor, ODASIS*

- Fall 2020
  - General Physics II
  - Session enrollment: 14 students

## Relevant Projects

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### Fast Trajectory Replanning

July 2020

Code and Description is on my website: [shayxs.github.io](https://shayxs.github.io)

### Face and Digit Classification

August 2020

Code and Description is on my website: [shayxs.github.io](https://shayxs.github.io)

## Technical Skills

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

**Markup:** LaTeX, Markdown