

# Abhinav Madahar

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## EXPERIENCE

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**Rutgers Computer Science Department**  
*Research Assistant*

September 2017 – Present  
*Rutgers University*

- Leading the development of a GAN-based text summarizer
- Developed data analysis software for Rutgers' artificial intelligence laboratories
- Improved reliability of artificial intelligence-based search engines

## AWARDS

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**Google Award for Data Science**

February 2018

- In recognition of ASSIST, my artificial intelligence which predicts stroke patients' survival

## PROJECTS

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**PACRR Search Engine**

*Machine Learning Developer*

September 2017 – Present

*Rutgers University and Max-Planck Institute*

- Developed a search engine powered by a convolutional-neural-network-based architecture
- Work done in conjunction with the Max-Planck Institute in Germany

**ASSIST**

*Machine Learning Developer*

December 2017 – January 2018

*Johns Hopkins University*

- Used supervised learning to develop a neural network which predicts the 14-day survival of stroke patients
- Won the Google award for data science, John Snow Labs data science award, and the HopHacks award for 3<sup>rd</sup> best overall project.

**Mathematics Blog**

*Author*

February 2017 – Present

*abhinavmadahar.com*

- Introducing students to areas of mathematics not commonly taught in schools, such as graph theory and combinatorics.

## ARTIFICIAL INTELLIGENCE OUTREACH

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**Machine Learning Seminar**

*Co-Lead*

September 2017 - Present

*New Brunswick, NJ*

- Managing a weekly seminar discussing recent advancements in artificial intelligence research
- Approximately 10 regular members

## EDUCATION

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**Rutgers University, New Brunswick**

B.Sc. in Computer Science

B.A. in Mathematics

B.A. in Statistics

September 2017 - Present