

Abhinav Madahar

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RESEARCH EXPERIENCE

Advisor: Gerard de Melo, PhD
Research Assistant

September 2017 – Present
Rutgers University

- Leading a novel research project to develop a text summarizer using GANs
- Writing a grant application for submission later this year
- Improved reproducibility of PACRR papers by improving portability and writing documentation
- Developed various research-oriented programs useful for extending *Get to the Point* by See et al.
- Investigated the deployment of the lab's models onto Rutgers' supercomputers on behalf of Dr. de Melo

TEACHING EXPERIENCE

Artificial Intelligence Club
Instructor

September 2016 – June 2017
Millburn High School

- Taught high schoolers the basics of machine learning with an emphasis on its underlying mathematics

AWARDS

Google Award for Data Science

February 2018

- Won Google Award for Developing ASSIST, a stroke survival predictor

SIDE PROJECTS

ASSIST

February 2018

- Used supervised learning to predict whether a stroke patient will survive for 14 days
- Achieved 90% accuracy on test set with impressive qualitative results
- Won Google award for data science, John Snow data science award, and HopHacks' award for 3rd place overall best project.

Pure Mathematics Blog

February 2017 – Present

- Writing intuitive proofs to introduce young undergraduates to new branches of mathematics, such as graph theory and number theory

SERVICE

Machine Learning Seminar
Co-Lead

September 2017 - Present
New Brunswick, NJ

- Managing a weekly undergrad seminar discussing recent developments in machine learning research
- Approximately 10 regular members

EDUCATION

Rutgers University, New Brunswick
B.Sc. in Computer Science
B.A. in Mathematics
B.A. in Statistics

September 2017 - Present