Abhinav Madahar

(480) · 399 · 4228 ⋄ abhinav.madahar@rutgers.edu

RESEARCH EXPERIENCE

Advisor: Gerard de Melo, PhD   September 2017 – Present
Research Assistant   *Rutgers University*

· Leading a research project to develop a query-based text summarizer using GANs
· Writing a grant application for submission this summer
· 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

AWARDS

Google Award for Data Science   February 2018

· Won 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.

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   September 2017 - Present
Co-Lead   *New Brunswick, NJ*

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

TEACHING EXPERIENCE

Artificial Intelligence Club   September 2016 – June 2017
Instructor   *Millburn High School*

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

EDUCATION

Rutgers University, New Brunswick   September 2017 - Present
B.Sc. in Computer Science
B.A. in Mathematics
B.A. in Statistics