

Rinay Shah



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⚙ Skills & Summary

- o Recognized by Prime Minister of Canada as role model for placing 2nd in the world on NASA contest
- o Software/Hardware: Python, C#, C, HTML, CSS, MATLAB, Arduino
- o Vast experience leading teams in designing, programming, machining, and building projects
- o Strong self-learner with a determined ambition of achieving success
- o Developed strong project management skills by successfully leading my team in the junior engineering design competition

📅 Experience

Math & Science Tutor, Mathmagician Inc. 📅 Oct 2017 - Present

- o Delivery of academic strategies to improve student self-sufficiency
- o Acquisition of strong leadership and communication skills shown by controlling the classroom and ensuring top quality functionality

Math & Reading Tutor, Kumon 📅 Sept 2016 - Sept 2017

- o Development of comprehensive lessons that accommodated different levels of learners
- o Use a data entry software to enter students' worksheet scores and track daily process
- o Weekly progress updates to ensure students meet benchmarks

🔧 Engineering Projects/Teams

RUAV (Ryerson Unmanned Aerial Vehicle Team)

- o Develop software for the coordinate system of the drone and use image processing software systems

Line Following Robot

- o Programmed C-based Arduino, built with digital circuits to control motor rotation using light sensors

Human Handwriting Imitator

- o Created a program at a Hackathon which once synchronized it imitates a person handwriting using the C# language.

🎓 Education

Computer Engineering, Ryerson University 📅 Sept 2017 - Present

- o 3.87 CGPA out of 4.33 scale (Letter Grade A-)

🏆 Achievements

- o Received a letter of congratulatory from the Prime Minister, Minister of Innovation, Science and Economic Development, and from the President of the Canadian Space Agency
- o Presented at the Annual AstroNuts Space Camp & STEM Contest, the International Space Development Conference, and the Innovation Nation Conference
- o Featured on CBC radio, Metro Toronto, other media

⚙ Interests

- o Gaining exposure to new programming
- o Attending hackathons (eg. Major League Hacking) to apply knowledge in a rapid-paced environment
- o Extracurricular activities such as FRC robotics club, math club, and engineering club