Rinay Shah

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Skills & Summary

- Placed 2nd worldwide on NASA Contest and was recognized by Prime Minister of Canada
- Software/Hardware: Python, C#, C, HTML, CSS, Arduino, Git MATLAB, Oscilloscope
- Vast experience leading teams in designing, programming, machining, and building projects
- Strong critical thinking and debugging skills
- Self-learner with a determined ambition of achieving success

Experience

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

- Delivery of academic strategies to improve student self-sufficiency
- 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

- Development of comprehensive lessons that accommodated different levels of learners
- Use a data entry software to enter students' worksheet scores and track daily process

Engineering Projects/Teams

IEEE E-Bot Workshop

- Develop software for an autonomous e-bot using Arduino, working with DC Motor using the motor shield and the accelerometer.

IEEE IoT Smart City Hackathon (3rd Place)

- Built automatic street lights with crash detection ability using ultrasonic, sound sensors and HUZZAH ESP8266

Human Handwriting Imitator

- 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

- 3.87 CGPA out of 4.33
- Key Courses: Electric Circuit Analysis, Digital Computation and Programming

Achievements

- 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
- Presented at the International Space Development Conference, Innovation Nation Conference, and Annual AstroNuts Space Camp & STEM Contest
- Featured on CBC radio, Metro Toronto, other media

Interests

- Gaining exposure to new programming languages and building hardware systems
- Attending hackathons (e.g. Major League Hacking) to apply knowledge in a rapid-paced environment
- Extracurricular activities such as IEEE workshops, clubs and teams.

Hobbies

- Reading, Cricket, Soccer, Basketball, Swimming, Travelling, Music, and Chess