

# Rinay Shah



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<https://github.com/RinayShah>

<https://rinayshah.github.io>

## ⚙ Skills & Summary

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

## 📅 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

## 🔧 Engineering Projects/Teams

IEEE E-Bot Workshop

- o 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 (3<sup>rd</sup> Place)

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

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
- o Key Courses: Digital Computation, Electric Circuit Analysis

## 🏆 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 International Space Development Conference, Innovation Nation Conference, and Annual AstroNuts Space Camp & STEM Contest
- o Featured on CBC radio, Metro Toronto, other media

## ⚙ Interests

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

## 🔥 Hobbies

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