

# ADITYA KALYAN JAYANTI

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## OBJECTIVE

Seeking an internship position in to leverage my solid analytical reasoning and problem-solving skills. My experience in completing advanced projects in computer science, collaborating in a team environment ensures that I will make a positive contribution to your organization.



## EDUCATION

### M.S Computer Science | Rochester Institute of Technology, Rochester, NY, USA

AUG 2017 – MAY 2019

- Coursework: Advanced Object-Oriented Programming, Computational Problem Solving, Theory, Big Data, Algorithms.
- Obtained a scholarship for academic excellence.

### B.S Computer Science | RNS Institute of Technology, Bangalore, KA, India

JULY 2013 – JULY 2017

- Class awarded: First Class with Distinction.
- Final year project recognized as top 10 in the Department of Computer Science.
- Coursework: Data Structures, Design of Algorithms, Databases, Computer Networks, Graphics, Web Programming, Information Network Security.



## PROJECTS

### Internet of Things for Smart Cities

Skills used: JavaScript, Node Red, JSON, IBM Blue-mix.

This system attempts to provide smart solutions to management of waste, reduce traffic congestion by providing alternate routes and makes an accurate weather prediction. My responsibility was to collect data from various logical devices and integrate them. Using this system, governments can control recycling of waste more efficiently thereby reducing pollution drastically.

### Pac Bounce

Skills used: OpenGL, C++, Linux, Computer Graphics.

Encouraged by the Pacman game, I have designed an object simulating a Pacman in a virtual 3D environment. Positioning the viewer at different angles depth can be observed with event-driven input.



## SKILLS

- Java, Python, MySQL, R, SQL Server
- Analytical Thinker
- Excellent written and verbal communication skills.
- Self-Motivated
- Big Data Analytics
- Ability to build relationships.



## ACTIVITIES

- Certificate course in C, C++, Data Structures
- Course on Game Design using Unity3D
- Certificate course on Ethical Hacking
- Home Automation module based on IoT
- Line follower Sensor Robot (Embedded C)
- Online course on Machine Learning