

NIKUNJKUMAR THAKKAR

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Objective

An aspiring Aerospace engineer seeking an internship with an Aerospace industry to showcase my talent and grow my skills through the teaching of seniors.

Education

HIGH SCHOOL DIPLOMA | MAY 2015 | JAI AMBE VIDYALAYA

- Major: Science
- Percentile rank: 85.33

BACHELOR OF SCIENCE | CURRENT (JUN 2020) | UNIVERSITY AT BUFFALO

- Major: Aerospace engineering
- Awarded a merit scholarship by University at Buffalo
- Member of AIAA and SEDS

Skills & Abilities

KNOWLEDGE OF COMPUTER AIDED DEVICE(CAD)

- Proficiency with Computer Aided Design(CAD), Computer Aided Machinery(CAM).

STRONG PROBLEM-SOLVING SKILLS

- Problem solver who is creative, analytical and persistent due to critical thinking.

COMMUNICAION SKILLS

- Ability to interact with new people from diverse background to make the project/work efficient.

MATH AND IT SKILLS

- Mathematic proficiency along with knowledge of JAVA, Python and C language.

Experience

ASSOCIATE MANAGER | AUM SHIV SHAKTI CATERERS | JUNE 2015-JULY 2016

- Furnished pieces of advice through analytical examination which resulted into gaining more contracts.

Social Services

- Help Age India
- Jalaram Seva Samaj Trust
- Mission Smile
- Dardi Sahayak Trust

Projects

TESTING VARIABLES IMPORTANT TO FLIGHT

- Examined the variables that are important to the flight such as wind, drag, lift through series of experiments.

EFFECT OF WEIGHT ON FREE FALL

- Determined the result on free fall due to the change in weight through succession of trials.

EXAMINATION OF USING CATAPULT FOR FLIGHT

- Launched the miniature of a supersonic jet under different test conditions to understand the effect of launcher.

Areas of Interest

ASTRONAUTICS

- Highly engrossed in Astronautics primarily into Aerospace dynamics

AERODYNAMICS

- Very much interested in exploring the concept of Aerodynamics and have also done projects related to that.

Volunteering

JUNIOR TEACHER IN HIGH SCHOOL (2014-15)

- Secondary educator during high school where I need to assist students and instruct them.

WESTMINSTER COMMUNITY CHARTER SCHOOL (OCT 2016-PRESENT)

- Spreading the awareness and knowledge of science to the kids and indulge them into activities.

Sports

SPORTS QUIZ

- 3rd in Intercity sports quiz which was organized by the Gujarat State.

DODGE BALL

- Won the bronze medal in dodge ball competition organized by the Ambe Group of Schools.

SPORTS CAPTAIN

- Sports captain of the 'Neptune House' for two years (2013-2015)

Expeditions

- India: Gujarat, Maharashtra, Rajasthan, Madhya Pradesh, Punjab
- United States: New York City, Niagara Falls, Indiana, Washington DC, Maryland