# TEJSI DHAMELIYA

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## OBJECTIVE

To obtain a position as student assistant in laboratory to enhance my skills in research area.

## EDUCATION

**RUTGERS UNIVERSITY-NEW BRUNSWICK, NEW JERSEY, USA**          **2019**
**GENETICS MAJOR**                                                                           Sept2016-Present
Former University: - **UNIVERSITY OF MICHIGAN-FLINT, MI, USA**
**MOLECULAR BIOLOGY AND BIOTECHNOLOGY**                          Sept2015-June2016

**METAS OF SEVENTHDAY ADVENTIST HIGH SCHOOL – SURAT, GJ, INDIA**          **2015**
                                                                                      June2011- May2015

## RELEVANT COURSES

Human Anatomy, Human Evolution, Genetics, Human Morphology, Biomedical Engineering, Organismal Biology, Principle of Biology, Biomedical Engineering, Electro-Chemistry, Organic Chemistry, Pre-calculus, JAVA, Electrostatics, Scientific and technical writing, college Rhetoric.

## LAB SKILLS

Dissection of Micro-Organism, Slide Preparation, Restriction Digest and Electrophoresis, Qualitative Analysis of Compounds, Titration, Plasmid DNA isolation, Mendelian Genetics, Starch Concentration and Standard curve, Spectrophotometry and Bacterial transformation.

## AWARDS

Leadership Award in high school science festival.                                                Jan2015
Secured First prize for an interschool science model.                                        Jan2015
Competition that showed how life came on Earth.                                            Nov 2014
Ranked amongst the school at the National Science Olympiad (NSO).          Oct2012
Led and represented science model at the Inter School Science Festival Exhibition.          Nov 2012

## WORK EXPERIENCE

**Front Desk Assistant-Housing and residence life at University of Michigan-Flint.**          **May –June 2016**
- Provided valuable service and greeted all the guests, students and staff personally.
- Shape office and assist students in the methods that optimize actions.

**Volunteered at Indian Association - University of Michigan-Flint.**          **Jan-April 2016**
- Helped in arranging events.
- Connect new students and make social contacts with other clubs.

**Explored DNA modifications in E. Coli**          **Feb 2016**
- Formed transformed colonies of plasmid.
- Manipulated genetic information to see how DNA functions.
- Experimental observation and data evaluation.

## OTHER SKILLS

MS Word, Excel, JAVA, C++, Access, R programming
Communication skills, Service Oriented