# OBJECTIVE

# To obtain a challenging position that would best utilize obtained knowledge and academic experience in engineering within a professional environment.

# EDUCATION

# Rutgers School of Engineering - New Brunswick, NJ September 2017- June 2021

Pursuing Bachelor of Science in Electrical and Computer Engineering

**Carteret High School -** Carteret, NJ June 2017

# RELEVANT COURSEWORK

**Introduction to Computers for Engineers** Fall 2017

* Currently programming a MATLAB project to aid in reinforced concrete beam design.

# WORK EXPERIENCE

**Rutgers University**, New Brunswick, NJ September 2017 – Present

*Student Assistant – Electrical Engineering Department*

* Develop communications skills handling incoming calls
* Acquired good listening skills taking accurate phone messages
* Improved time management skills by completing projects on time
* Perform general office duties

**Badwals Enterprises LLC**, Woodbridge, NJ May 2017 – Present

*Intern*

* Maintain accurate records and organize the database
* Manage accounts and assist with adjustment entries
* Assist department manager with small projects
* Perform daily administrative tasks

# ACTIVITIES

**Rutgers IEEE**  September 2017– Present

* Currently training in Machine Learning and Artificial Intelligence
* Currently training in C++
* Developing skills in electronics

**Math and Engineering Club**  September 2013– June 2017

* Moody’s Mega Math Contest: Developed a mathematical model to provide a disaster vulnerability index to National Parks based on previous natural disaster data.
* National Bridge Design Contest: Used software to design a truss bridge capable of withstanding pressure from heavy traffic.
* Kean University iSTEM Academy Contest 2016

First place in a competition to design, construct, and program a robot that could complete an elaborate obstacle course.

# COMMUNITY SERVICE

**Rutgers Sikh Student Association** September 2017– Present

* Volunteered at Busch Campus serving free meals School of Engineering students

# SKILLS

**Technical:** Proficient in MATLAB, Python, Java, HTML, Microsoft Office, AutoCAD

**Languages:** Fluent in English, Punjabi, Hindi, Urdu