

# Harsh Patel

Wayne, PA - Email me on Indeed: [indeed.com/r/Harsh-Patel/55d880a6a626bc5a](https://www.indeed.com/r/Harsh-Patel/55d880a6a626bc5a)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## WORK EXPERIENCE

### Volunteer Work

I C Ice Make Refrigeration - Ahmedabad, Gujarat - January 2016 to March 2016

Evaporator and refrigeration system design and modelling in SolidEdge software.

### Junior Design Engineer

Sharp Engineers - Ahmedabad, Gujarat - June 2012 to July 2013

- Elevator's components study
- Components Theoretical design calculation.
- 3D modeling & drafting of objects on CAD software Solid-edge and Pro-E / Creo.

### Design Engineer, Intern

Sharp Engineers - Ahmedabad, Gujarat - July 2011 to April 2012

- Literature studies based on elevator machine.
- Detail load analysis of main shaft of elevator machine.
- Recalculated life cycle of gearbox and force on gearbox components.

## ACADMIC PROJECTS & SEMINARS

Research seminar on "Liquefaction of Bio-methane by Cascade Refrigeration Process" March 2014 - November 2014

- Research of bio-gas storage by implementing current technology which is cost effective as well environment friendly.
- Developed cascade refrigeration process and simulated process in HYSYS software.

## EDUCATION

### Master of Science in Process Engineering and Energy Technology

University of Applied Science Bremerhaven - Bremerhaven

September 2013 to Present

### Bachelor of Engineering in Mechanical Engineering

Gujarat Technological University - Gujarat, IN

August 2008 to May 2012

## SKILLS

Solid Works (1 year), Autocad (2 years), Microsoft Office (4 years), Excel (4 years), Pro E (2 years), Hysys (1 year)

## ADDITIONAL INFORMATION

### TECHNICAL SKILL

CAD Tools Auto CAD, Creo, SolidEdge, SolidWorks

Simulation Tools Aspen HYSYS, ANSYS

Operating System Windows [...] Mac

Others MS Word/Power Point/Excel, VBA