

# Siddharth Mehta

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## EDUCATION

### The Pennsylvania State University

University Park, PA  
May 2017

- **Bachelor of Science in Industrial Engineering**
- Minors: Economics; Six Sigma

**Cumulative GPA: 3.97/4.00**  
**Dean's List** All Semesters

### The Pennsylvania State University

University Park, PA  
Oct-Nov 2015

#### *Optimization Project*

- Developed seven different linear programming models in LINDO to optimize the operations for a fictional gas service company by reducing 3-year Net Present Cost by \$28,300.4
- Developed a single integer programming model in LINDO to evaluate all seven different alternatives under a single model

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## EXPERIENCE

### Jay International School

Rajkot, India  
Jun-Jul 2015

#### *Summer Volunteer*

- Conducted tutoring for 15 students struggling with calculus, physics, and chemistry
- Founded a community volunteering group of 18 students from the school
- Organized blood donation camps, and food and clothing donation drive with the student volunteers

### Mehta Herbals Pvt. Ltd

Rajkot, India  
May-Jun 2014

#### *Engineering Intern*

- Suggested improvements for enhancing labor safety and health
- Initiated automation of Amla Hair Oil filling process leading to an improvement in precision by 90% & an increase in filling capacity by 300% to meet the demand
- Conducted time studies on unskilled labor to study their productivity

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## LEADERSHIP

### Delegation on Engineering Solutions for Disasters, ISLP

New Zealand  
May 2015

#### *Team Leader*

- Collected relevant data by examining earthquake sites around Christchurch, and via internet research
- Interviewed locals and experts to gather information about challenges faced and future expectations
- Proposed solutions in terms of economics, infrastructure improvement, risk and damage minimization, etc. in a final presentation

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## SKILLS

- C/C++ Programming (Procedural)
- SolidWorks - CAD
- Working knowledge of MATLAB
- LINDO/LINGO – Linear Programming
- Proficient in Microsoft Office Suite
- Fluent in English, Hindi, and Gujarati

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## HONOR SOCIETIES

- Alpha Pi Mu
- Phi Kappa Phi
- Tau Beta Pi