

TAMANNA NABAR

415 College Ave, Apt 4, Ithaca, NY 14853
8622402465 • tn277@cornell.edu

- EDUCATION** Cornell University, College of Engineering, Ithaca, NY
Current undergraduate (sophomore) Mechanical Engineering major, 2014- expected 2018
Cumulative (current) G.P.A.: 3.61
- HONORS AND AWARDS**
- Dean's List (Fall 2014, Spring 2015, Fall 2015)
 - Awarded Governor's Gold Medal, for scoring a 97% in the ICSE (Indian) board examination, 2012
 - Awarded Scholar's Badge, for academic and extra-curricular achievements in high school, 2012
- RELATED EXPERIENCE**
- Project Team Member** September 2015 (Present)
Intel-Cornell Cup USA, Ithaca, NY
- Works collaboratively in a team, to develop R2-D2 like droids, previously featured at national event at Walt Disney World, with focus on testing and analysis
 - Enhancing crucial professional design skills within a strong full systems multi-disciplinary approach.
- Internship**
- Mahindra and Mahindra, Mumbai, India* Summer 2015
- Worked in the transmission department of plant vehicle engineering on on-going project in tractor design.
 - Responsible for analyzing problems reported in tractors exported to countries like USA and South Africa, based on terrain and consumer purpose, involved in Digital Mock Up of replaced shaft due to wearing.
 - Conducted thorough study of bearings, Bill of Materials, transmission part catalogue and gear calculations
- IIT, Bombay (Indian Institute of Technology), Mumbai, India* Summer 2013
- Redesigned a Postman's Bag under Professor Chakravarthy (Head of the Industrial Design Center, IIT).
 - Responsible for interviewing local postmen to understand problems faced with the current model.
 - Defined and analyzed the key problems and proposed innovative and economic solutions using the 7Cs method of problem solving.
- OTHER EXPERIENCE**
- Executive Board Member** January 2015 (Present)
Cornell Hunger Relief, Ithaca, NY
Public Relations Officer, to ensure the efficient communication of the mission of the CHR, handle new member recruitment strategies and formulate strategies to increase donations to the CHR.
- Undergraduate Tutor** August 2015- December 2015
Cornell Math Support Center, Ithaca, NY
Conducted one-on-one and small-group tutoring sessions for students on a walk-in basis.
- Cornell Alumni Caller** Spring 2015
Cornell Annual Fund, Ithaca, NY
Built rapport with the Cornell Alumni, keeping them connected to the University and soliciting financial support from them for Cornell University.
- SKILLS**
- Coursework: Mechatronics, Dynamics, Mechanical Properties and Selection of Engineering Materials, Mechanical Synthesis, Statics and Mechanics of Materials, Thermodynamics, Electromagnetism, Object-Oriented Programming and Data Structures, Social Psychology, Developmental Psychology
 - Software: Microsoft Office, Matlab, Adobe Photoshop, CAD
 - Experience in consumer interviewing & communication, film making, Technical Drawing, 3D Designing
- ACTIVITIES**
- International Student Admissions Ambassador, 2015 (Present)
 - Founder of Project Lean On, a youth support group for senior citizens, May 2013
 - Leader of the Avanti Leadership Programme, to spread awareness on diseases in India, 2012