

# Sushant Patkar

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- EDUCATION**      **Veermata Jijabai Technological Institute**, Mantunga, Mumbai  
*Bachelor of Technology in Computer Engineering*, June 2016      GPA: 7.94
- PROJECTS**      **Properties of Graphs - Spectral and Otherwise(Final Year Project Report):**  
The goal of the report was to provide a general review of the basics of spectral graph theory and some celebrated results in graph sparsification.
- ABU ROBOCON 2014 - Structural Design and Programming:** Worked as the structural designer and programmer for the Indian team at the international ABU ROBOCON, 2014. The team won the **Panasonic Award for Most Innovative Design** among a pool of 17 nations from the Asia-Pacific region.
- COMPUTER SKILLS**      **Languages:** C, C++, Java, R, SQL, MATLAB, Python, PHP.  
**Web Development:** HTML, CSS, JavaScript.  
**Applications:** Vi/Vim, Eclipse, Git, MySQL, OpenCV.
- TEACHING**      **Program in Algorithmic and Combinatorial Thinking(PACT) - Student Mentor**  
*June 2015 - Aug 2015*  
*Princeton University, NJ, 08544*  
Served as a student mentor for Discrete Mathematics.
- Co-Instructor - Problem Solving Using Python**  
*Aug 2014 - Jan 2015*  
*Shishuvan High School, Mumbai, 400019*  
Conducted a foundations course on problem solving using Python.
- EXPERIENCE**      **Program in Algorithmic and Combinatorial Thinking(PACT) - Machine Learning**  
*June 2015 - Aug 2015*  
*Princeton University, NJ, 08544*  
Was part of the Theoretical Machine Learning group.
- Society of Robotics and Automation**  
*June 2014 - June 2014*  
*VJTI, Mumbai, 400019*  
Served as the research and development manager.
- INTERESTS**      Machine Learning, Bioinformatics.