

# Curriculum Vitae

Ayush Khaitan

Mathematics Graduate Program

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## Education

- **Pennsylvania State University** State College, PA, USA  
*PhD, Mathematics* 2017 -
- **Birla Institute of Technology and Science (BITS), Pilani** Pilani, India  
*Bachelor of Engineering, Mechanical Engineering* 2011-2015

## Standardized Test Scores

- GRE General: **336/340** (Quantitative: 170/170, Verbal: 166/170, AWA: 5/6)
- GRE Subject Test Mathematics: **900. 97 percentile**
- TOEFL: **119/120**

## Honours and Awards

- **August and Ruth Homeyer Graduate Fellowship**, 2018-2019
- **Paul Berg and Daniel J. Larson Distinguished Graduate Fellowship**, Penn State University. One of a handful of fellowships given across departments
- **Vollmer-Kleckner Scholarship in Science**, Penn State University
- **Bronze medal**, Singapore Math Olympiad, 2008.
- **Dean's Research Assistantship**, Central Michigan University.
- Selected for the **Visiting Students' Research Program**, 2014.
- Received the **Keppel Magus Scholarship**, worth \$40,000, to attend high school in Singapore. One of two students to win this scholarship in West Bengal.
- **Winner, Integration Bee, 2015 and 2016**. It is conducted by the American Mathematical Society chapter of Central Michigan University. Around 60 undergraduate and graduate students participated.
- Cleared the entrance exams for **Tata Institute of Fundamental Research** and **Chennai Mathematical Institute**. Received admission letters from TIFR CAM and CMI. Declined.
- **National Eligibility Test: All India Rank: 28**.
- **BS Chitlangia Trophy** for being Valedictorian at The Heritage School, Kolkata. **Indian Certificate of Secondary Education**, 96.6 percent with 100/100 in Mathematics.

## Service

- **President**, Association for India's Development, Penn State Chapter
- **Co-Organizer**, Algebraic Geometry Group, Spring 2018
- **Member**, Effective Altruism

## Miscellaneous

I write a regular Math blog- <https://cozilikethinking.wordpress.com/>  
Dabble in competitive problem solving  
Have been part of various musical bands for about 10 years. I sing and play the guitar