

PIYUSH AHUJA

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EDUCATION

Oxford University

MA in Philosophy, Politics and Economics (PPE) with Senior Status

KC Mahindra Scholar 2014

Second Undergraduate Degree Scholarship

Oxford, United Kingdom

Starting October 2014

KC Mahindra Education Trust

Harris Manchester College

Indian Institute of Technology Delhi (IIT Delhi)

Five-Year Integrated MTech in Mathematics and Computing

Mrs. Chander Kanta Nanda Excellence Award

C.G.P.A

New Delhi, India

2008-2013

Convocation '13

8.07/10

SCHOLASTIC ATTAINMENTS

- **All India Rank 708 and 99.77 percentile** (among 311,258 candidates) in IIT JEE 2008
- **All India Rank 643 and 99.93 percentile** (among 862,853 candidates) in AIEEE 2008
- Graduate Record Examination **GRE Score: 333/340**
- **Master's Thesis:**
 - P. Ahuja, "Approximation Algorithms in Network Design"
Received **Outstanding** Grade by a joint panel of Department of Mathematics and Computer Science
- **Research Papers:**
 - P. Ahuja and S.Kundu, "Redimensioning of Euclidean Spaces"
Preprint: <http://arxiv.org/abs/1307.7010>
 - P. Ahuja, "Man and Machine: Questions of Risk, Trust and Accountability in Today's AI"
Preprint: <http://arxiv.org/abs/1307.7127>

WORK EXPERIENCE

Opera Solutions LLC

Analytics Specialist, Global Markets

Noida, India

August 2013 – February 2014

Worked on Mobius - a risk, valuation and analytic platform, using advanced statistical tools methods to generate data-driven market insights. Helped clients make better decisions in a whole range of financial activities, from trading Mortgage Backed Securities to managing Whole Loan portfolios.

INTERNSHIPS

Deloitte Consulting US-India Ltd.

Summer Intern, Business Intelligence

Mumbai, India

May 2011 - July 2011

Created a data warehouse prototype for Deloitte's Communication Excellence program in a team of five.

Offered a full-time position based on the work.

National University of Singapore

Research Intern, Internet Economics and Network Congestion Pricing

Singapore

May 2012 - July 2012

Modeled the Internet network congestion as a competitive equilibrium in a stochastic process.

Conceptualized Congestion Options, instruments analogous to stock options in financial markets

QUIZZING, LITERARY AND SPORTS ACCOMPLISHMENTS

- **Quizzing:** *Finished in the top three in 52 quizzes at various levels in the last 5 years, including:*

National Level:

- **Winner, Four Episodes**, Season 1 & 2, NDTV Tech Grandmasters. Reached **Top 4** all over India
- **Second Runners-up, One episode**, Sports ke Superstar. Finished 3/10 in All-India episode

Inter College Level:

- **Winner**, General Quiz 2009, Inter-College quiz at Hindu College
- **Winner**, Movie Quiz 2010, Inter-College quiz at St.Stephen's College
- **Winner**, SciTech Quiz 2010, Inter-College quiz at Delhi Technological University
- **Winner**, General Quiz 2010, Inter-College quiz at Zakir Hussain College
- **Winner**, Literature Quiz 2011, Inter-College quiz at Literati, literature festival of IIT Delhi
- **Winner**, Sports Quiz 2011, Inter-College quiz at Sportech, annual sports festival of IIT Delhi

Institute Level:

- **Winner, 10 Quizzes**. Led hostel to *Winner's Trophy ('12), Runners-up Trophy ('09,' 10, '11, '13)*

- **Literary Events:**

- **Winner**, Cryptic Crossword, Inter-College competition at Rendezvous 2011, IIT Delhi
- **Winner**, Word Games, Inter-College word puzzles competition at Literati 2011, IIT Delhi
- **Winner**, E-Labyrinth, National Level online treasure hunt at Literati 2010, IIT Delhi
- **Winner**, Three Muses, Institute Level competition on literature and cryptic word games

- **Football:**

- **Silver Medal**, 2010-11, Inter-Hostel Football League, IIT Delhi
- **Silver Medal**, 2008-09, Inter-Hostel Football League, IIT Delhi

LEADERSHIP EXPERIENCE

Secretary, Representative and Panel Member, Quizzing Club, IIT Delhi

2009 - 2012

- Led a team of 11 to organize 30 events, including all major events in India's quizzing calendar:
 - World Quizzing Championships '10, held simultaneously across 70 cities in 30 countries
 - National Level Sweden-India Nobel Quiz 2010, in collaboration with Embassy of Sweden
 - Mahaquizzer & Megawhats: biggest open quizzes in India, held simultaneously in 14 cities

SCHOLARSHIPS AND AWARDS

- **KC Mahindra Scholarship Post Graduate Studies Abroad, 2014**
- **Second Undergraduate Degree Scholarship by Harris Manchester College, 2014**
- **Mrs. Chander Kanta Nanda Excellence Award, Convocation '13.**
Awarded for demonstrating excellence in academics and cultural activities amongst all graduating students
- **Cumulative Outstanding Contribution to Board of Recreation & Creative Activities, 2013**
- **Cumulative Outstanding Contribution to Quizzing Club, 2013**
- **Outstanding Contribution to Film Series Committee, 2012**
- **Gem of the House, 2012.** *Awarded to the best outgoing all-rounder in the hostel*

OTHER INTERESTS

Poker, Movies by Wes Anderson, Works of David Foster Wallace