Rajesh Hemant Chitnis   Résumé

CURRENT POSITION	Third and final year of BSc (Hons) in Mathematics and Computer Science at Chennai Mathematical Institute
INTERESTS	Currently interested in Discrete Mathematics and its applications. However, with strong background in mathematics and computer science, willing to explore other areas and broaden interests.

CURRENT ADDRESS

Chennai Mathematical Institute
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PERMANENT ADDRESS

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CITIZENSHIP

India

DATE OF BIRTH

June 5, 1989

GENDER

Male

LANGUAGES KNOWN

Fluent   English, Hindi, Marathi
Basic   German

EDUCATION

Secondary   *March 2005*
Maharashtra State Board

Higher Secondary   *March 2007*
Maharashtra State Board

Bachelors in Mathematics and Computer Science   *August 2007-10*
Chennai Mathematical Institute (CMI)

COURSES

Mathematics Courses completed by December 2009
Linear Algebra, Groups, Rings, Fields, Commutative Algebra, Galois Theory, Topology, Calculus, Real and Complex Analysis.

Computer Science Courses completed by December 2009

Programming in C, Functional Programming, Discrete Mathematics, Algorithms, Theory of Computation, Computational Complexity, Approximation Algorithms, Computer Organization.

Courses to be done in January-April 2010

Advanced Graph Theory, Matching Theory, Applied Algorithms, Parameterized Complexity, Probability, Differential Equations.

PROJECTS, SUMMER PROGRAMMES, ETC.	*Cryptography Workshop conducted by Prof. Adi Shamir at Microsoft Research, India* *December 2007*
	International Conference on Graph Theory and its Applications held at Coimbatore, India *December 2008*
	Advanced Instructional School in Combinatorics and Graph Theory held at Bhaskaracharya Pratishthana, Pune *May 2009*
	Summer internship at *Indian Institute of Science*. Worked under *Prof. Sunil Chandran* on SIG dimension of graphs. *June-July 2009*
	Project on interplay between chromatic polynomials and partition function of q-state Potts model in statistical physics *August-December 2009*

PUBLICATIONS	*On the SIG dimension of trees under L_∞ metric* L. Sunil Chandran, Rajesh Chitnis, Ramanjit Kumar Available at *http://arxiv.org/abs/0910.5380* Submitted to *Graphs and Combinatorics*

AWARDS AND HONORS

- Erdos number is 3 by the following path : Paul Erdos $\rightarrow$ Alexandr Kostochka (UIUC) $\rightarrow$ L. Sunil Chandran (IISc) $\rightarrow$ Rajesh Chitnis
- Cleared Indian National Math Olympiad in 10th grade and twice attended the training camp for selection of Indian team for the International Mathematics Olympiad
- Awarded scholarship by Indian National Board for Higher Mathematics.
- Awarded tuition waiver and undergraduate scholarship by CMI.
- Awarded "Best Outgoing Student" in high-school
- Represented high-school on the ESPN Sports Quiz which was televised nationally.

COMPUTER SKILLS	Programming Languages	Haskell, C, C++
	Packages	LaTex, Matlab

HOBBIES AND OTHER INTERESTS

- Actively into sports and represented state in basketball and badminton.
- Interested in Indian classical music

REFERENCES

- Prof. Sunil Chandran
  Indian Institure of Science
  sunil@csa.iisc.ernet.in

- Prof. Samir Datta
  Chennai Mathematical Institute
  sdatta@cmi.ac.in

- Prof. K. Narayan Kumar
  Chennai Mathematical Institute
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