

Varun Agrawal

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE & ENGINEERING

May 2013 | Surat, GJ
Cum. GPA: 8.76 / 10.00

RUPAREL JUNIOR COLLEGE

Grad. May 2009 | Mumbai, India
HSC : 88.00%

BOMBAY SCOTTISH SCHOOL

Grad. May 2007 | Mumbai, India
ICSE : 92.86%

LINKS

Github:// [varunagrawal](#)
LinkedIn:// [varagrawal](#)
Twitter:// [@varagrawal](#)

COURSEWORK

UNDERGRADUATE

Operating Systems
Artificial Intelligence + Practicum
Distributed Systems
Compilers + Practicum
Computer Graphics + Practicum
Unix Systems

SKILLS

PROGRAMMING

Advanced:

C\C++ • Python • C#

Proficient:

Common Lisp • Ruby • Java • SQL
• Javascript • Assembly

Familiar:

HTML\CSS • Prolog •

Octave\Matlab • \LaTeX

TOOLS & UTILITIES

OpenCV • Git • NLTK • Lex
• YACC • Multisim 9 • Arduino
• Emacs • Visual Studio • Eclipse
• Adobe Photoshop CS4 • GIMP
• Bootstrap • Jekyll

EXPERIENCE

MICROSOFT CORP. | SOFTWARE ENGINEER

July 2013 – July 2015 | Hyderabad, TS

- Key Talent FY15
- Bing Entertainment Segments
- Enterprise Commerce Volume Licensing

MICROSOFT CORP. | SOFTWARE ENGINEER INTERN

May 2012 – July 2012 | Hyderabad, TS

- Developed an Operations tool for the Enterprise Service Bus (ESB).

ACM STUDENT CHAPTER, NIT SURAT | PRESIDENT

June 2011 – May 2012 | Surat, GJ

- Lead team of 22 students to evangelize Computer Science in SVNIT
- Conducted multiple cross-department events, quizzes and seminars for students.

TEDXSVNIT | PUBLICITY LEAD

February 2011 | Surat, GJ

RESEARCH

INDEXING MUSIC BASED ON LYRICAL CONCEPTS

Submitted to ICDM 2015

RANK EXPERT CLASSIFICATION SYSTEM

Provisional Patent Number: 2308/MUM/2014

EASY, PARALLELIZABLE FACIAL EXPRESSION RECOGNITION

In Progress

UNDERGRADUATE RESEARCH SEMINAR

Active Contour Models and Particle Filters for Object Tracking

AWARDS

2015	3rd	Microsoft Build The Shield CTF
2014	1st	Microsoft CTF
2014	1st	Microsoft India General Quiz
2012	6th	SecurIT CTF, Amrita University
2012	64th	ACM ICPC National Round
2011	1st	What's Your Cloud Idea? Amazon Inc.
2007	881	National Science Olympiad All India Ranking
2010	1st in India	UNSW ETC Science Aptitude Assessment

EXTRA

2nd	NIT Surat Men's Basketball @ NIT Surat National Sports Fest
4th	NIT Surat Men's Basketball @ MNIT Jaipur National Sports Fest
3rd	MSSA Mumbai City Under-16 Basketball Tournament
Participant	CultureConnect Basketball Program US Department of State Bureau of Educational and Cultural Affairs.
Guitar	Music Theory Grade 2
Chief Editor	Renesa, NIT Surat Newsletter