Varun Agrawal

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EDUCATION

GEORGIA TECH
MS Computer Science
Exp. Grad. May 2017| Atlanta, GA
GPA : N/A

NATIONAL INSTITUTE OF TECH-NOLOGY
B.Tech in Computer Science & Engineering
May 2013 | Surat, GJ
Cum. GPA: 8.76 / 10.00

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 CORPORATION | Software Engineer
July 2013 – July 2015 | Hyderabad, TS
- Key Talent FY15
- Bing Entertainment Segments
- Enterprise Commerce Volume Licensing

MICROSOFT CORPORATION | 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
In Progress

RANK EXPERT CLASSIFICATION SYSTEM
Provisional Patent Number: 2308/MUM/2014

EASY FACIAL EXPRESSION RECOGNITION
In Progress

UNDERGRADUATE RESEARCH SEMINAR
Active Contour Models and Particle Filters for Object Tracking

AWARDS

Year	Rank	Event
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