

# Varun Agrawal

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## EDUCATION

### GEORGIA TECH

#### MS COMPUTER SCIENCE

Exp. Grad. May 2017 | Atlanta, GA

GPA : N/A

### NATIONAL INSTITUTE OF TECHNOLOGY

#### B.TECH IN COMPUTER SCIENCE & ENGINEERING

May 2013 | Surat, GJ

Cum. GPA: 8.76 / 10.00

## LINKS

Github:// [varunagrwal](#)

LinkedIn:// [varagrwal](#)

Twitter:// [@varagrwal](#)

## 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 •  $\text{\LaTeX}$

### 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

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

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