

# Varun Agrawal | Résumé

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## Education

<b>Georgia Institute of Technology</b> <i>MS Computer Science</i>	<b>Atlanta, GA</b> 2015–
<b>National Institute of Technology</b> <i>B.Tech Computer Science and Engineering</i> GPA: 8.76 / 10.00	<b>Surat, GJ</b> 2009–2013

## Experience

<b>Microsoft Corporation</b> <i>Software Engineer, MACH</i> Bing Entertainment Segments - Data Analytics toolbox Enterprise Commerce Volume Licensing Key Talent FY15	<b>Hyderabad</b> 2013–2015
<b>Microsoft Corporation</b> <i>Software Engineer Intern</i> Operations tool for the Enterprise Service Bus (ESB).	<b>Hyderabad</b> 2012
<b>ACM Student Chapter, NIT Surat</b> <i>President</i> Lead team of 22 students to evangelize Computer Science in SVNIT Conducted multiple cross-department events, quizzes and seminars for students.	<b>Surat</b> 2011–2012
<b>TEDxSVNIT</b> <i>Publicity Lead</i>	<b>Surat</b> February 2011

## Research & Publications

<b>2015:</b> Indexing Music Based On Lyrical Concepts	<i>In Progress</i>
<b>May 2015:</b> Indexing Music Based On Lyrical Concepts, Poster	<i>Microsoft Machine Learning and Data Science Conference</i>
<b>2013:</b> Easy Facial Expression Recognition	<i>In Progress</i>
<b>2012:</b> Rank Expert Classification System	<i>Provisional Patent Number:2308/MUM/2014</i>
<b>2012:</b> Active Contour Models and Particle Filters for Object Tracking	<i>Undergraduate Research Seminar</i>

## Awards

**2015:** 3<sup>rd</sup> - Microsoft India **Build The Shield CTF** Competition  
**2014:** Microsoft FY15 Key Talent Award  
**2014:** 1<sup>st</sup> - Microsoft India General Quiz  
**2014:** 1<sup>st</sup> - Microsoft Capture The Flag Competition  
**2012:** 6<sup>th</sup> - SecurIT All India Capture Flag (InCTF)

**2012:** 64<sup>th</sup> - **ACM ICPC** On-site National Round

**2011:** 1<sup>st</sup> - Amazon What's Your Cloud Idea? Competition

**2007:** 881<sup>st</sup> rank in National Science Olympiad, India

**2006:** 1<sup>st</sup> - **University Of New South Wales** All India Aptitude Test in Science

## Skills & Tools

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**Advanced:** C\C++, C#, Python

**Intermediate:** Common Lisp, Ruby, JavaScript, JAVA, SQL

**Basic:** HTML\CSS, L<sup>A</sup>T<sub>E</sub>X Prolog

**Platforms/Frameworks:** Windows • Windows Phone • Linux • Android • Ruby on Rails • Bootstrap • Bottle • Azure

**Tools:** OpenCV • Git • GNU Octave • Matlab • Lex • YACC • Arduino • Emacs • Visual Studio • Eclipse • GIMP

## Extras & Interests

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**Microsoft Men's Basketball Team**

*Microsoft India*

**Hyderabad**

*2013-2015*

**NIT Surat Men's Basketball Team**

*2<sup>nd</sup>, NIT Surat National Sports Festival*

**NIT Surat**

*2013*

**NIT Surat Men's Basketball Team**

*4<sup>th</sup>, MNIT Jaipur National Sports Festival*

**MNIT Jaipur**

*2013*

**Bombay Scottish School Boy's Basketball Team**

*3<sup>rd</sup>, Mumbai Schools Sports Association Basketball Tournament*

**Mumbai**

*2007*

**Bombay Scottish School Boy's Basketball Team**

*Participant, CultureConnect Basketball Envoy Program*

**Mumbai**

Conducted by the United States Department of State Bureau of Educational and Cultural Affairs

**Chief Editor**

*Renesa, NIT Surat College Newsletter*

**NIT Surat**

*2012-2013*

**Music**

*Guitar, Music Theory Grade 2*

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