

# Varun Agrawal | Résumé

(313) 329 8410 • [varagrawal@gmail.com](mailto:varagrawal@gmail.com) • [varunagrawal.me](http://varunagrawal.me)  
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## Education

<b>Georgia Institute of Technology</b> <i>MS Computer Science,</i>	<b>Atlanta, GA</b>
<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
<b>D. G. Ruparel Junior College of Arts, Science and Commerce</b> <i>Maharashtra State Board for Higher Secondary Education,</i> 88.00%	<b>Mumbai, MH</b> 2007–2009

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

## Awards

<b>2015:</b> 3 <sup>rd</sup> - Microsoft India <b>Build The Shield CTF</b> Competition
<b>2014:</b> 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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<b>Microsoft Men's Basketball Team</b>	<b>Hyderabad</b>
<i>Microsoft India</i>	<i>2013-2015</i>

<b>NIT Surat Men's Basketball Team</b>	<b>NIT Surat</b>
<i>2<sup>nd</sup>, NIT Surat National Sports Festival</i>	<i>2013</i>

<b>NIT Surat Men's Basketball Team</b>	<b>MNIT Jaipur</b>
<i>4<sup>th</sup>, MNIT Jaipur National Sports Festival</i>	<i>2013</i>

<b>Bombay Scottish School Boy's Basketball Team</b>	<b>Mumbai</b>
<i>3<sup>rd</sup>, Mumbai Schools Sports Association Basketball Tournament</i>	<i>2007</i>

<b>Bombay Scottish School Boy's Basketball Team</b>	<b>Mumbai</b>
<i>Participant, CultureConnect Basketball Envoy Program</i>	

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

<b>Chief Editor</b>	<b>NIT Surat</b>
<i>Renesa, NIT Surat College Newsletter</i>	<i>2012-2013</i>

### Music

*Guitar, Music Theory Grade 2*

Last Updated September 6, 2015