

Varun Agrawal | Résumé

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Objective

A Summer Internship role involving challenging problems, exciting work and an engaging environment in Computer Science Research and Product Development for a graduate student who values technical excellence and deep commitment.

Education

Georgia Institute of Technology

MS Computer Science

Atlanta, GA

2015–

National Institute of Technology

B.Tech Computer Science and Engineering

GPA: 8.76 / 10.00

Surat, India

2009–2013

Experience

Microsoft Corporation

Software Engineer, MACH

Hyderabad, India

2013–2015

- Key Talent FY15
- Bing Entertainment Segments
- Built a Data Analytics Toolbox for analyzing petabytes of cross-domain data and inferring of data items to power various entertainment related scenarios for the Bing search engine.
- Enterprise Commerce Volume Licensing.
- Services and apps to power Microsoft's Quoting, Agreements and Core Services in the Enterprise Commerce space.

Microsoft Corporation

Software Engineer Intern

Hyderabad, India

2012

- Operations tool for the Enterprise Service Bus (ESB).
- Used for real time management of ESB servers and monitoring against failures.

ACM Student Chapter, NIT Surat

President

Surat, India

2011–2012

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

TEDxSVNIT

Publicity Lead

Surat, India

February 2011

Research & Publications

2015: Indexing Music Based On Lyrical Concepts

Paper In Progress

May 2015: Indexing Music Based On Lyrical Concepts, Poster Microsoft Machine Learning and Data Science Conference

2013: Easy Facial Expression Recognition

In Progress

2012: Exam Rank Expert Classification System

Provisional Patent Number:2308/MUM/2014

2012: Active Contour Models and Particle Filters for Object Tracking

Undergraduate Research Seminar

Awards

2015: 3rd - Microsoft India Build The Shield CTF Competition

2014: Microsoft FY15 Key Talent Award

2014: 1st - Microsoft India General Quiz

2014: 1st - Microsoft Capture The Flag Competition

2012: 6th - SecurIT All India Capture Flag (InCTF)

2012: 64th/1300 - ACM ICPC On-site National Round

2011: 1st - Amazon What's Your Cloud Idea? Competition

Skills & Tools

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

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

Basic: HTML\CSS, L^AT_EX 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

Languages/Communication: English, Hindi, Konkani, Italian

Last Updated September 15, 2015