

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 COMPUTER SCIENCE & ENGINEERING

May 2013 | Surat, India

Cum. GPA: 8.76 / 10.00

LINKS

Github:// [varunagrwal](#)

LinkedIn:// [varagrwal](#)

Twitter:// [@varagrwal](#)

SKILLS

PROGRAMMING

Advanced:

C\C++ • Python • C#

Proficient:

Common Lisp • Ruby • Java • SQL

• Javascript • Assembly

Familiar:

HTML\CSS • Prolog •

Octave\Matlab • \LaTeX

TOOLS & UTILITIES

Azure • OpenCV • Git • NLTK

• Lex • YACC • Multisim 9 • Arduino

• Emacs • Visual Studio • Eclipse

• Adobe Photoshop CS4 • GIMP

• Bootstrap • Jekyll

OBJECTIVE

A Summer Internship 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.

EXPERIENCE

MICROSOFT CORPORATION | SOFTWARE ENGINEER

July 2013 – July 2015 | Hyderabad, India

- Key Talent FY15
- Bing Entertainment Segments
- Built a Data Analytics Toolbox for analyzing petabytes of cross-domain data and inferring relations 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

May 2012 – July 2012 | Hyderabad, India

- Developed an 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

June 2011 – May 2012 | Surat, India

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

TEDXS VNIT | PUBLICITY LEAD

February 2011 | Surat, India

RESEARCH

INDEXING MUSIC BASED ON LYRICAL CONCEPTS

Poster - Microsoft Machine Learning and Data Science Conference, Spring '15

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 from 1300 teams |
| 2011 | 1st | What's Your Cloud Idea? Amazon Inc. |