

Himanshu Arora

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Objective

To seek a summer internship as a software developer at a corporate organization where I can apply my technical skills and gain substantial experience in a competitive team environment.

Work Experience

Software Development Engineer, [Microsoft](#)

Jun' 07 – Aug' 10, **Hyderabad, India**

- Implemented MVC for Web E-Learning solution on cloud using Microsoft Windows Azure platform, targeting around 20 million customers in Emerging Markets like India.
- Developed Windows Live services wrapper framework for TV in Silverlight.
- Framed an object oriented architecture for next generation software for kids (+patent)
- Led a usability drive and developed app engine for first Microsoft Surface device in India.
- Developed Microsoft Bing powered Local Contextual Search app for GSM phones

Student Programmer, [NC State University](#)

Aug' 10 – Present, **Raleigh, USA**

Currently working on developing and porting multi-touch enabled apps for Microsoft Surface, Multi-Touch Cell and next generation Perspective Pixel Wall. It involves working on the Windows Touch SDK and the native API of the devices.

Software Development Engineer Intern, [Microsoft](#)

Dec '05 – Aug '06, **Hyderabad, India**

- Initiated, designed and developed software utilities for low cost patented embedded device.
- Implemented SQL Lite wrapper on Win32/Visual C++ to be used by various other apps.

Research Assistant, [IIIT Hyderabad](#)

Aug' 06 – Feb' 07, **Hyderabad, India**

Worked on Symbian based Bluetooth mobile phones to develop end to end software for PC and phone to convert it into a Universal Remote Control. The interaction of PC and phone was via Bluetooth and PC to a controlled device through an IR channel.

Education

■ **North Carolina State University, [MS, CS \(3.8/4.0\)](#)**

Aug' 10 – Dec' 11, **Raleigh, NC, USA**

■ **IIIT Hyderabad, [BS, CS \(3.6/4.0\)](#)**

Jun' 03 – May' 07, **Hyderabad, India**

Awards and Achievements

- 5th in Software Designing Contest held within whole Microsoft with more than 200 entries.
- Top 1% in Code4Bill aptitude/programming contest organized by Microsoft at all India level.
- Figured in the Dean's Merit List twice during under-graduation.
- Scored a rank of 3199 in IIT-JEE 2003 Mains out of 200,000+ students appeared all over India.
- 99.5 %ile in Senior Level Mathematics Olympiad Contest held by DAMT, Delhi in 2001.
- 2nd best poster award for final year project in a collegiate level IEEE poster presentation contest.
- **Own a Patent** : [Software Aided Creation of Animated Stories](#) (Himanshu Arora, Pranav Mistry (MIT Media Labs) , Kanna Ramasubramanian(Microsoft))

Technical Skills

Programming: Have experience developing in C/C++, C#/VB, Ruby, WPF, WCF, Java

Web: PHP, ASPX, Ruby on Rails, HTML/CSS, Silverlight, mySql/MS-SQL (worked on several live web projects)

Projects

For abridged list of projects I've done, please check my webpage at <http://www4.ncsu.edu/~harora/projects>

Interests

Object Oriented Programming, Design Patterns, Usability Research, Search Engine Optimization/Marketing