

# Satyajeet Shaligram

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## Education

### **Master's in Computer Science** (Expected Dec 2009)

Fu Foundation School of Engineering and Applied Science, **Columbia University**.

Coursework includes: Programming and Problem solving, Topics in Financial technology, Search Engine Technology, Iphone application development, Web enhanced Information Management.

### **Bachelor of Engineering** – Computer Engineering (2003-2007)

University of Pune, India (GPA: 3.65)

Coursework includes: Software Architecture, Operating Systems, Principles Of Programming Languages, Computer Networks, Advanced Software Engineering and Computer Graphics.

**Test scores: GRE = 1510/1600 and TOEFL = 116/120.**

## Work Experience

Visiting faculty for 'Computer Networks' (2008)

M.I.T Pune, University of Pune

Description: Conducted lab sessions and classroom lectures. Supervised and help manage student projects in web development. Also helped design the course website and an online test software for the same.

Software developer (July 2006 – May 2007)

**Tata Research Development and Design Centre**, India.

Description: Developed searchAssist – a **software tool** for the assisting the search for technical documents. Designed and implemented the link discovery algorithms in **C/C++** for extremely large datasets. The front end was developed independently in Visual Basic.

## Project Work

**Android/Java** based application for personal stock information (Jan 2009 - Current)

Description: the application called StockWatch combines the utility of a stock information software with the analytical capabilities such as market trend indicators and newsfeed backed predictions, in a fluid user-friendly interface.

**Search Engine software** for web documents

Description: used a perl language library developed by AI labs at University of Michigan Ann Arbor to build an efficient and high performance search engine.

## **Web Email**

Description: Developed an intranet based email site (like gmail or hotmail) in PHP, MySQL and Javascript that allowed users to send and receive emails. Won first prize at Intechxication 2006 for **innovative user interface design**.

## Extracurricular Activities

- ✚ Designed and maintained a number of websites for my undergraduate institute. Mostly using CSS, Javascript and HTML.
- ✚ Technical editor for college magazine – “IntexIT”
- ✚ Second prize at ‘un-C-eeen’ a competition to write C/C++ code with the screen turned blank – at IIT, Mumbai.
- ✚ Treasurer –MIT, Pune Astronomy Club.

## Skills

Programming languages: Java, C++, Perl, Python, Visual Basic.

Web development: PHP, HTML, JavaScript, CSS, Adobe Flash.

Databases: MySQL, Access, Microsoft Excel.