Raghav Sethi

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Education

Institution	Degree	GPA	Completion Date
Princeton University	Master of Science in Engineering (M.S.E.) in Computer Science	-	(expected 2015)
IIIT-Delhi, India	Bachelor of Technology in Computer Science and Engineering • Winner of Best All-Round Student Award	9.2	2013

Work Experience

Microsoft – India Development Center (May-July 2012)

- Developed a tool as part of the Lync team that analyzed server logs to automatically identify and track usage scenarios and determine coverage and hit rates for dogfood testing – helping PMs make data driven decisions on feature priorities, workflows and UI.
- Won 1st prize at the Microsoft Intern Hackathon for building a Windows 8 app that recommended entertainment events.

Technical Skills

PROGRAMMING LANGUAGES Java, C#, Python, Javascript, C

TOOLS + TECHNOLOGIES Node.js, MongoDB, jQuery, Google App Engine, Mercurial, JSP, REST APIs, SQL, HTML/CSS/LESS, Visual Studio, Eclipse, Django, Flask, Photoshop, Illustrator

Selected Awards

2012 **'Best App' at Microsoft's Windows Phone App-a-thon** (Microsoft India)
Built a Windows Phone application and a private REST API for 'What's Next Up'. Adjudged first of the 50+ entries developed, and available on the Windows Phone Store.

2011 **'Most Useful' App at Yahoo HackU** (Yahoo! Research & Development)
Built a web-app in a 24-hour hackathon at Yahoo's largest ever HackU web+mobile hackathon. The app helped users make smart decisions about daily restaurant deals. Named 'Most Useful' of the 53 submissions from New Delhi's top colleges.
(Article: http://developer.yahoo.com/blogs/ydn/posts/2011/11/hackstravaganza-at-iit-delhi/)

2008 **Principal's Award for Excellence in Computer Science** (Springdales School DK, New Delhi)
Recognized for winning 40+ inter-school competitions in the area of Computer Science.

2007 **All India Rank 32 in JSTSE** (Department of Science and Technology, Government of India)
Awarded a two-year scholarship for being in Top 50 All-India ranks of the Junior Science Talent Search Examination.

Publications

2013 **RAGHAV SETHI**, NAVED ALAM, MAYANK PUNDIR AND PUSHPENDRA SINGH. Bounced - Improving Data Availability through Replication in P2P Networks, In *Fifth International Conference on Communication Systems and Networks*, Bangalore. (Refereed Poster)

2012 DENZIL CORREA, ASHISH SUREKA AND **RAGHAV SETHI**. WhACKY! - What Anyone Could Know About You from Twitter, In *Proceedings of the Tenth Annual Conference on Privacy, Security and Trust (PST),* Paris, France. (Refereed Paper)

Selected Projects

2012 **Bounced : Delay-tolerant filesharing for low-availability wireless networks**
Designed application-layer protocol and developed client (C#) and server (Node.js) applications for a filesharing network that intelligently replicates requested files to increase availability. Won **Best Project Award** for the IIIT-D Computer Networks course.

2011 **What's Next Up : Reducing information overload by leveraging social information**
Developed a web application using the Google App Engine/Java stack. What's Next Up is an entertainment event aggregator, recommendation and filtering service. It offers a dead-simple way to easily view entertainment events across multiple categories (movies, TV episodes etc.) personalized to user. Has **1000+ users and some press** to its credit. (http://www.whatsnextup.com/)

2010 **RightFare : Empowering autorickshaw passengers using simple geographic services**
Designed a simple system to help passengers determine the approximate autorickshaw fare between any two geographic locations using SMS. Developed into a **commercial product** by Bangalore-based Ideophone. (http://www.ideophone.in/products/sms/)

2010 **mySearch : Word-sense Disambiguation Using Social Information**
Developed a mechanism for identifying the word-sense of search terms entered into a search engine using interest information from Facebook's social graph. Used basic machine-learning techniques to identify and utilise pertinent data and make predictions as to the intended sense of a search term. Awarded the **Infinity Award** for 'effort, innovation, originality and thought process' in the Probability and Statistics course at IIIT-D.