

# ARPIT GUGLANI

## SUMMARY

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- ✓ Honors BSc. Double Major in Computer Science and Economics from the University of Toronto.
- ✓ SAT Score: 1400/1600 [Verbal – 690 (95<sup>th</sup> percentile) Quantitative – 710 (96<sup>th</sup> percentile)]
- ✓ Successfully completed complex technical and business projects in high pressure environments at major multinational firms.
- ✓ Imbibed transferable skills such as leadership, teamwork and excellent analytical ability during industry experience, academic research and extensive team based projects.
- ✓ Eligible to work in India and Singapore (EPEC Holder). Willing to relocate internationally

## WORK EXPERIENCE

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### IBM

[May 05 – August 05]

#### *Extreme Blue Intern*

- Among the 20 interns selected from over 1000 Canadian applicants.
- Worked in a multi-disciplinary team of four to analyze the retail industry's business processes and developed a solution that entailed process, technology and organizational augmentation.
- Created a business plan and developed software based on RFID technology to provide real-time product visibility through multiple channels to all stakeholders in the retail environment.
- Engaged with both internal and external clients to garner feedback at every stage in order to iteratively improve the product.
- Garnered internal support for our product through promotional materials, a working demo and weekly presentations to various IBM department heads.
- Presented the project at "Extreme Blue Expo" at IBM Headquarters where it met with much acclaim and was adopted by IBM's Retail Emerging Business Opportunity (EBO) team for inclusion in a forthcoming RFID offering.
- Received client feedback through the Retail EBO group- with three large clients evincing particular interest in the product.

### Deloitte & Touché

[June 2003 – September 2003]

#### *Full time Summer Intern*

- Performed business process analysis for a large utility firm, to identify areas where ERP implantation would have the most impact.
- Researched the ERP market; the major companies, their backgrounds, past projects, previous customers and product offerings
- Performed comparison analysis amongst viable options and prepared decision matrices to evaluate the optimal strategy when dealing with issues such as best-of-breed vs. integrated solutions
- Submitted a detailed final report with recommendations

### University of Toronto Wireless Networking Lab

[ June 2004 – June 2006 ]

#### *Research Assistant – to professor Eyal DeLara*

- Evaluated multiple technical options to enable project Chameleon – a project aiming to modify web content served to users based on their predicted requirements.
- Successfully defended my choice of technology and wrote a browser extension to enable user interaction with images.
- Collaborated with another researcher on adapting the Squid web server to transform user requests and serve progressive scans of JPEG image files.

## **TOP SOFT SKILLS**

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- Teamwork - Worked in teams under high pressure situations for a majority of the time both in Academia and industry.
- Leadership - Despite not being in an explicit authority position, emerged as a consensus leader in almost every team scenario.
- Communication - Outstanding listening skills enable me to quickly perform requirements elicitation from clients and ensure smooth functioning for the team. Ability to succinctly and precisely convey ideas leads to fewer misunderstandings and happier clients.

## **TOP TECHNICAL SKILLS**

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- Programming Languages (Java and C\C++) – Java Servlets, J2SE, JDOM, JUnit, TCP/IP socket programming, multithreading, synchronization, signal and interrupt handling, file I/O.
- Web: JavaScript, XML, CSS and Python
- Databases: DB2 and the Pointbase database system
- Design: Software Project Management, UML and the ICONIX design methodology
- Tools: Eclipse, CVS, Rational Application Developer, Rational Software Architect, , Websphere Application Developer

## **INTERESTING PROJECTS**

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- Founded a Startup - As part of a business course, went through the process of founding a startup. Generated a viable idea, convinced three peers to give up their own ideas and join me. Acted as CEO and assigned responsibilities to all team members. Researched the competition and took customer surveys. Produced a viable business plan. Pitched the idea to venture capitalists on behalf of the team.
- Performed Requirements Analysis and produced an Object Oriented Design document to provide a solution for warehouse management. Implemented the OOD in Java.
- Microcontroller Programming – worked in a team of four to build devices such as a printer out of Lego blocks and an Atmel AVR Microcontroller.
- Blogging Application – Utilized Apache/Tomcat server and an embedded pointbase database and Java Servlets as backend and AJAX, CSS for client interaction.
- P2P file sharing - Designed both; the server and client components of a peer-to-peer file transfer program that uses a custom protocol and supports simultaneous file transfers.

## **INTERESTS**

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- Elected to the post of “Communications Director” of the University College Residence Council at the University of Toronto. Led a team of 9 people to organize the publicity campaigns for events around campus. More than doubled attendance at all major events.
- Lead a local team of student volunteers, to collect donations and provide aid to victims of the 2001 earthquake in India.
- Journalist with the York University newspaper – The Excalibur.
- Member of a team of three, selected from over 130 schools to represent my region at the National level in the “C++ Programming Competition” organized by the Computer Society of India
- Completed a six-month long software developer course outside of school, while in grade 10. Main topics were C/C++, FrontPage, SQL and JavaScript.