GAURAV TUSHAR MOGRE   B.TECH

Branch	: COMPUTER SCIENCE	
Gender	: MALE	
Reg. No.	: 06CO36	
Date Of Birth	: OCTOBER-20-1988	
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PRESENT ADDRESS	PERMANENT ADDRESS
B2, PANCHAJANYA, NEAR DURGAMBA TEMPLE, THADAMBAIL, SURATHKAL 574157, MANGALORE	B48, KAMAL PUSHPA, SRI KRISHNA CHANDRA MARG, BANDRA RECLAMATION, BANDRA WEST, MUMBAI 400050

B.TECH   DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	8.86	8.86
SEMESTER 2	MAY 2007	9.25	9.04
SEMESTER 3	DEC 2007	9.7	9.24
SEMESTER 4	MAY 2008	8.71	9.11
SEMESTER 5	DEC 2008	9.32	9.15
SEMESTER 6	MAY 2009	8.52	9.05

PRE DEGREE, 10+2th, 10th DETAILS

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	RN PODAR, MUMBAI	CBSE	2004	84.80
XIIth	NATIONAL PUBLIC SCHOOL, INDIRANAGAR, BANGALORE	CBSE	2006	92.60
B.TECH	NATIONAL INSTITUTE	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA	2010	9.05(CGPA)

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
	OF TECHNOLOG Y KARNATAKA			

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
	OF TECHNOLOG Y KARNATAKA			

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SUPPLEMENTARY INFORMATION

EXTRA CURRICULAR ACTIVITIES

1. Internship at Microsoft for 11 weeks, working on Office Mobile and Windows Mobile. I worked in backporting propriety software by creating middleware.
2. Internship at Accenture for 8 weeks, working on Java Profiling tools, which were integrated into the project build system to improve project productivity.
3. Freelancing:
(a) A poker odds calculator website
(b) On-the-fly image manipulation website
(c) Search Engine metric comparator website
(d) Interactive and scalable Chatroom using AJAX
(e) A few company websites
4. Work done within college:
(a) Constructed a website meant to be hacked, to test out hacking skills
(b) Workshops on hacking, PERL, php, C guts, HTML, CSS, Javascript, XML
(c) Organized Series of talks on C, C++, and Operating System, along with a presentation on "Howto create an OS from nothing"
5. Created a bot for kode kombat, an event in Engineer 09 (intercollege tech fest of our college) where it won 1st place.
6. A regular member of uva.onlinejudge (an online judge). Completed almost all problems in Hackthissite, hellboundhackers and pulltheplug
7. Currently working on an article for phrack in collaboration with others on traffic distribution based DoS.
8. Researched an advisory on Orkut sessions mismanagement, with emphasis on security holes.
9. Co-hosted a free web hosting website from 2005 to 2007 (http://www.fh-net.com)
10. Created a PERL module for abstracting flat files as databases. Also created a PERL module for handling sessions natively in PERL. Used these to create a forum software in PERL.

ABOUT MYSELF

Technical excellence is what I consider my motivation in life. I like to apply myself to problems in computer science especially in the fields of distributed computing, networking, and systems programming, especially related to core operating systems and hardware interfacing. I strive to work on hard problems, accept challenges, and solve them.

CO-CURRICULAR ACTIVITIES

1. A bare-bones operating system that was built from scratch, for running on a 80386+ processor in protected mode. It is meant for OS and hardware developer, and introduces Optional Abstraction to allow hardware access.
2. A project management portal (similar to sourceforge.net) using search technique similar to pagerank.
3. Paint application, using SDL.
4. Took seminar on C in 1st year for our class.
5. Wrote a research paper on PE (Portable Executable) format, its flaws, and performing dynamic code injection without CS->DS jumps
6. Currently working on project for dynamic generic load balancing and scheduling of processes across an asymmetric clustered network.
7. Created a multicast remote desktop controller, which could be readily adopted for educational purposes.
8. Conducted a series of lectures for classmates in 1st year on C programming
9. Conducted seminar for class on graph algorithms and bipartite matching.
10. Gave a talk on security management for faculty members of Central Computing Centre.

REFERENCE 1 :

Siddhartha Sharma : siddsha@microsoft.com ,
SDE II,
Microsoft IDC,
Hyderabad

REFERENCE 2 :

Anand Chikkaballapur,
Program Manager,
Bang 4,
Accenture IDC Bangalore