

Chandrakanth Chereddi

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EDUCATION

Indian School of Business, Hyderabad

Apr '08 – Apr '09

Post-Graduate Programme in Management, Analytical Finance and Strategy & Leadership: CGPA 3.83/4.00

- Ranked 4 out of 436 students. Core-Term (4/8 terms) CGPA 3.79/4.00, GMAT 730/800
- Recipient of the ISB Young Leader Award and the ISB Merit Scholarship (INR 0.2 mn) for academic excellence

University of Illinois at Urbana-Champaign (UIUC), Urbana, IL, USA

Aug '04 - May '06

Master of Science, Electrical and Computer Engineering: CGPA 3.89/4.00

- Published an MS thesis (optional) on multi-channel wireless networks aimed at improving network throughput & reliability
- Co-designed and cotaught a senior/graduate level wireless networking course along with my advisor

Osmania University (Main Campus), Hyderabad

Aug '00 – Apr '04

Bachelor of Engineering, Computer Science and Engineering: Aggregate 81%

- Best Student Award (Gold Medal) from the CSE Department for excellent all-round performance
 - Designed and developed a Telugu optical character recognition system and published findings in peer-reviewed conferences
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RESEARCH

Coordinated Science Lab (University of Illinois) Research Assistant

Aug '04 – Apr '06

- Designed & built an advanced wireless research testbed that enabled experimental research and led to 10+ publications
 - Published & presented a series of 5 papers and demos in peer-reviewed journals and conferences on wireless networking
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EXPERIENCE

Google, Mountain View, CA, USA Software Engineer III

May '06 – Mar '08

Focused efforts on delivering a better end-user experience by developing techniques to improve Google content delivery speed and working with multiple product teams to implement them

Leadership and Teamwork

- Led a team of 4 to prototype a compression technique that reduced websearch network overhead by 45% & improved speed
- Awarded a “Peer Bonus” for taking additional responsibility during a resource constrained time and supporting the Google Web Accelerator system single-handedly (24x7) for 6 months

Innovation and Product Development

- Conceptualized and evangelized a new compression technique that is now being developed into an Internet standard and built into Google's Chrome browser
- Redesigned & rewrote a critical websearch component that increased storage capacity 10 times & doubled serving capacity
- Won the 2007 Performance Tuning Award for developing and implementing a unique compression application that saved 30 megabits of scarce (virtually unavailable) bandwidth in China
- Implemented 8 experimental features in the Google Web Accelerator (Labs Product) server; 3 features became permanent, while 2 others were adapted for other products – consistently received “exceeds expectations” ratings for these efforts

Analytics

- Took initiative to analyze terabytes of search-performance data and identified ways to improve search speed – recommendations were presented to senior engineers and spun off into multiple projects
- Analyzed high-frequency production data for a critical production system and reduced system errors to under-2 per week from 2-3 per day

Microsoft, Redmond, WA, USA Intern

May '05 – Aug '05

- Developed a device simulator that improved testing coverage of a Windows 2003 device-driver by 20% & improved reliability
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EXTRA-CURRICULARS

Director, Academic Affairs Council, Graduate Student Board (GSB), ISB

- Represented and influenced multiple academic policies and managed complex relationships between students (436+), faculty and administration
- Executed the “Class of 2009 Amphitheatre” project as part of the Class of 2009 Legacy core team
- Organized a “Time Management Workshop” for the first time at ISB which was well attended and has been approved as part of orientation for class of 2010
- Initiated and developed a course recommendation list that helps students choose courses based on career paths, by involving professional clubs and alumni

Other Leadership Activities

- Chairman, IEEE Student Branch, Osmania University. Founded and helped it grow from 25 to 110 students in two years
- Moderated the Linux User Group of Hyderabad's 400+ member online-list. Organized and chaired monthly meetings

Community Service

- Helped during publicity events and fund raising (in the US) for CAP Foundation, Hyderabad which helps underprivileged children and youth through accelerated schooling and vocational training