

# AMEET NIRMAL VASWANI

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## Current Address:

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- Objective**      Full-time position in the field of computer engineering or computer science.  
Interested in systems programming and applications development.
- Education**      **Carnegie Mellon University**, Pittsburgh, PA  
Master of Science in Electrical and Computer Engineering      May 2003  
Bachelor of Science in Electrical and Computer Engineering      May 2002  
    Double Major in Computer Science  
Major GPA: 4.0/4.0      Cumulative GPA: 4.0/4.0
- Relevant Courses**      Advanced Operating Systems and Distributed Systems      Operating System Design and Implementation  
Advanced Computer Networks      Packet Switching and Computer Networks  
System Level Programming      Network Evaluation and Design  
Compiler Design      Algorithm Design and Analysis
- Work Experience**      **MICROSOFT CORPORATION**, Redmond, WA      June 2002 – August 2002  
**Software Development Engineer, Network Infrastructure Services**  
  - Designed and implemented a directory management application to integrate into Connection Manager (a network connection utility)
  - Managed project from start to finish
    - Drafted design specifications
    - Implemented the application using C# and XML
    - Interacted with test team to debug the application
- CISCO SYSTEMS**, Research Triangle Park, NC      January 2001 – August 2001  
**Software Development Engineer, Mobile Wireless Group**  
  - Developed enhancements for a router microengine debugger by adding functionality for macros and data breakpoints (using C and Cisco Internet Operating System)
  - Ported Turbo QoS functionality to a Cisco router by modifying microcode on forwarding engines
  - Worked with the ‘bring-up’ team of a new Cisco router
    - Debugged and enhanced the diagnostics code
    - Interacted with hardware engineers to verify and debug hardware design
    - Helped in test lab setup and configuration*Awarded the Individual and Team Achievement Awards, Cisco Achievement Program, for this project*
- NVIDIA CORPORATION**, Santa Clara, CA      June 2000 – August 2000  
**Performance Analysis Intern**  
  - Analyzed performance of graphics boards using different benchmarks and test equipment configurations
  - Assisted in development of demos for product launches
- Academic Projects**
  - Implemented DiffServ QoS on a router using IXP1200 packet processors
  - Simulated Routing in Heterogeneous Wireless Ad Hoc Networks using Dynamic Source Routing
  - Developed an Operating System kernel, file system and shell (based on UNIX Operating System)
  - Researched Progressive 3D Modeling of VRML images (Honors Research Project)
- Computer Skills**      **Computer Languages:** C, C++, C#, Java, Verilog, Simple ML, XML, HTML, BASIC, Matlab  
**Operating Systems:** Microsoft Windows, Unix, Linux, Mac OS
- Honors and Activities**      University and College Honors at Carnegie Mellon University (Bachelor of Science Degree)  
Dean’s List, Carnegie Mellon University: All semesters  
Lockheed Martin ECE Undergraduate Research Competition 2002, Second Place  
AIR-INDIA Scholastic Awards (1996, 1998)  
Affiliations: IEEE, Esite (organized Start-Up Job Fair, Carnegie Mellon, Fall 2000)  
Intramural tennis, squash, soccer, volleyball, table tennis, chess, cricket