Gurudatt Mysore
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Objective: To pursue an internship related to electrical and computer engineering.

Software Skills:

Operating Systems	MS DOS, Windows.
Languages	C, C++.
Packages / Tools	LabVIEW 8, Matlab, Mplab, Code Composer Studio, Keil Microvision IDE, VHDL (Model Sim).
Microcontrollers/ Assembly Languages	Intel 8085, 8086, 8051, PIC microcontrollers, Motorola microcontrollers, TI320C6000 DSPs, TI MSP 430 microcontrollers, Renesas M16C microcontrollers.
PCB Designing Software	Express PCB.

Work Experience:

- **June 2005 – Present,**
  Research Assistant,
  Department of Electrical & Computer Engineering,
  University of North Carolina at Charlotte.
  I am currently working on an embedded biological sensor system called "Biobay" for Nekton Research LLC. It uses a Persistor (single board computer) to log data from various water quality sensors and biological sensors, process, formats and logs the data and streams it to a console application running on a PC. The coding is all done in C. This system is being developed for deployment on underwater vehicles that will monitor water quality.
- **August 2005 – Present,**
  Teaching Assistant for ECGR-2103, 'Computer Utilization in C++'
  Department of Electrical & Computer Engineering,
  University of North Carolina at Charlotte.
  I am responsible for teaching and assisting the students with their course work and grading.

Education:

Master of Science (Electrical & Computer Engineering) May 2005
University of North Carolina at Charlotte. Current GPA: 4.0/ 4.0

Graduate Diploma in digital signal processing (six months program) from Cranes varsity, Apr 2004
Bangalore, India.

Bachelor of Engineering (Electronics & Communication Engineering) June 2003
Visveswaraiah Technological University, India. First class, 63.97 %

Projects:

- Automatic Programmer/Test Fixture for Stiquito.
- USB Oscilloscope.
- Object Tracking in 3D using Stereo Camera.
- Horizontal Level Stabilizer for an Aero Model.
- Data Logging Using Disk-Chip.

Extra Curricular Activities/Achievements/Hobbies:

- Participated in State Level Science Exhibition for high school students sponsored by Government of Karnataka (state government), India in the year 1995-96.
- Served as board of director for Interact Club, the student wing of Rotary Club at St. Joseph's Boy's High School, Chickmagalur. India