

From:
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Date: 27 March 2012

To,
Rochester Institute of Technology
58 Lomb Memorial Drive
Rochester, NY 14623-5604
USA

Respected Sir/ Madam,

Subject: Application for Graduate Assistantship.

I am writing to apply for the Graduate Assistant position. I graduated in June, 2012 with a Bachelor's Degree in Telecommunication Engineering from M. S. Ramaiah Institute of Technology, India. I have been involved in many activities, and I believe that I am a good match for the position.

While in school, I was part of the Scout and Guide association, and good athletic and played volleyball for the school team. I have learnt classical Dancing for 6 years and have passed its respective exams. This helped me be part of Art and drama. During my undergraduate studies, I was involved in conducting Competitions like National Level Parliamentary Debating and Cultural fests. I liked participating in many activities

I did my undergraduate Project to introduce internet to the rural Indian people by making a cheap device for various common queries like dictionary, Search Engine, Train Timings, exam results etc.

Before getting accepted by RIT for Master program, I did my internship at the Tata Institute of Fundamental Research on Gender Identification. This encouraged me to work on another research project "Text to speech synthesis in Indian languages" at Indian Institute of Science. My work was on Prosody Manipulation.

Earlier in my career, I developed time management and multi-tasking skills in a fast-paced, challenging environment. My work as a Project Assistant has refined my reasoning skills, and made me a more persistent and a patient person.

I am confident that I could make an immediate contribution to RIT by applying my strong motivation, professional skills, and related experience. My resume will help you to know more about me. I look forward to an interview with you. Thank you for considering me for your team.

Thanking you,
Yours faithfully,

Pradnya Bahubali Bogar

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Experience	Indian Institute of Science, Bangalore, India	August, 2012 - Present
	Project Associate Guide : Dr. Chandra Sekhar Seelamantula Working on a project "Text to Speech Synthesis in Indian Languages" using Festival Synthesiser.	
	Tata Institute of Fundamental Research, Mumbai, India	June, 2012 - July, 2012
	Summer Trainee Guide : Dr. Samudravijaya K Completed a project "Gender Classification based on a person's voice using Support Vector Machines (SVM's)". This Project gives the analysis of the accuracy and precision of the experiments conducted for Gender classification using CMU Sphinx Tool kit. It concludes about the reliability by SVM approach.	
Education	M. S. Ramaiah Institute of Technology, Bangalore, India	June, 2012
	Bachelor of Engineering in Telecommunication 8.10/10 CGPA	
	Raja Lakhamgouda Institute of Science, Belgaum, India	June, 2008
	Pre-University College 80.83 %	
	St. Joseph's Convent High School, Belgaum, India	May, 2006
	10th Standard 90.56%	
Relevant Courses	Signals & Systems, Digital Electronics & Circuits, Hardware Description Language (HDL), 8051 Microcontroller, Microprocessors, Signals & Systems, Programming on C, C++, Digital Signal Processing, Information Theory & Coding, Operating Systems, DSP Architecture.	
Undergraduate Project	Design & Implementation of Nano Internet for Rural India and Government Agencies. January-May 2012	
	Abstract: Nano Internet will ease the access to internet for essential information at low cost. It can be used in places where the advanced technology has not yet created an impact in day to day life and in secured places like research and development centres, secretive government agencies and secured divisions. This device helps the user to take in common requests like train enquiry, exam results, location mapping etc. The 8051 microcontroller directs these requests to GSM modem and the modem connects to the Google server with the help of Short Message Peer to Peer Protocol to gather information.	

Papers

Presented "Design & Implementation of Nano Internet for Rural India and Government Agencies" at the 'National Conference of Emerging Mobile Technologies and Policies', Bangalore, India.

Seminars

- Thermoelectric Flow Sensor Integrated Into an Inductively Powered Wireless System.
- Epoch Extraction from Speech signals.
- Sixth Sense Technology
- Rain water Harvesting methods & Renewable Fuels in Green Technology

Skills

- Languages : C, C++.
- Database : Oracle SQL Database
- Operating Systems : Linux, Windows
- Hardware Language : Keil (Microcontroller 8051), Xilinx (HDL/ Verilog), DSCH3 & Microwind (VLSI), MASM (Microprocessor 8086), MATLAB, Praat Scripting (Speech Processing).

Awards

- Presented the paper "Design & Implementation of Nano Internet for Rural India and Government Agencies" in IEEE Chapter, 2012 of M. S. Ramaiah Institute of Technology, Bangalore.
- Was selected to State level in Karnataka Talent Search Examination (KTSE) clearing SAT (Scholastic Aptitude Test) and GMAT (General Mental Ability Test) (top 0.6% out of 30,000 students).
- Stood Third in District level in Classical Dance competition conducted by the Kannada and Culture Department of Govt. of Karnataka.
- Got many Scholarships for attaining highest marks (100/100 marks) in Mathematics in 10th standard and PUC 1st year and 97 marks in PUC 2nd year.
- Was a Gold medalist in school of 4 consecutive years in Shuttle relay and Silver in Long Jump.

Extra - Curricular Activities

- Represented school volleyball team.
- Learnt classical dance Bharatnatyam for 6 years and has accomplished 3 official exams
- Learnt classical Karnatic music for 2 years.
- Was a part of Scout guide and have attended many camps.
- Part of MSRIT Parliamentary Debating Society.

Hobbies

Dancing, Philately, Coin Collection.