

ANAGHA PURUSHOTTAM BASOLE

9509 University Terrace Drive, Apt F, Charlotte, NC 28262

Mobile: (704) 941-5515

anaghab11@gmail.com

OBJECTIVE

To obtain an internship position in the Electrical Engineering field where my skills can be enhanced and utilized.

EDUCATION

Expected Dec 2008 **UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE** Charlotte, NC

Master of Science, Electrical and Computer Engineering, GPA 4.0

- Graduate Coursework in Embedded Systems, Advanced Embedded Systems, Fundamentals of Wireless Communications, Data Communications, Embedded Wireless, Wireless Communications and Networking
- Working on a project titled “Wireless Communication Between Autonomous Vehicles”

2002-2006 **PUNE UNIVERSITY** Pune, India

Bachelor of Engineering, Electronics and Telecommunications, First Class with Distinction

- Implemented a secure means of data and voice communication using Secure socket Layer in the project titled “Communication Using Secure Socket Layer (SSL)”
- Built an “Autonomous Phototropic Robot”

TECHNICAL SKILLS

Languages	C, C++
Software tools	Recessas Development Environment, OPNET, MATLAB (Basic)
Operating systems	Windows, Linux
Hardware	Recessas MC16P62C, TI MSP430
Productivity software	MS Office

EXPERIENCE

Present Teaching Assistant, Department of Electrical Engineering, UNC Charlotte

- Spring 2008 – Digital System Design – Helping students in Laboratory exercises

Student Assistant, College Of Architecture, UNC Charlotte

- Spring 2008 – Digitizing slides in the College of Architecture Library

2006- 2007 RF Engineer Trainee, Network Services Engg. & Planning, IDEA Cellular Ltd Pune, India

Responsible for GSM RF Planning & Optimization

Network Optimization:

- Regularly monitored & maintained of major KPI's on BSC level by necessary parameter changes so as to meet the KPI.
- Prepared BCCH plan for new sites, also **SFH (1X1)** plan for cluster.

Coverage & Capacity Planning:

- Planned & surveyed fill in cell sites in the cluster based on the drive test plot, & voice of customer by using AIRCOM Asset.
- Planned the cell sites based on competitor coverage presence, marketing inputs.
- Planned & surveyed IBS for various corporate customers, shopping malls, hospitals, hotels & multiplexes.
- Planned the cell sites for capacity by analyzing the utilization report to maintain the quality.

ACHIEVEMENTS

Excellence award for solving coverage & quality issue in the cluster, IDEA Cellular Ltd