

PARAG BHARAT MEHTA

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EDUCATION

University of Mumbai, Mumbai, India

Candidate for Bachelor of Engineering June 2006.

(Top 1% among 10000 students of University of Mumbai)

Major: Electronics with Telecommunications

Distinction Class. Ranked 2nd in a class of 80 students. **Aggregate:** (73%)

Maharashtra State Board Of Secondary and Higher Secondary Education, Pune, India

Post Matriculation Degree with Distinction at Acharya Ambalal V. Patel Junior College

Secured the highest ever score in Physics, Chemistry & Maths for my college (**98.67%**)

Ranked 45th in a batch of 500000 students of the University (Top 0.01%)

AWARDS AND DISTINCTIONS

• J. R. D. Tata Scholarship for Engineering for three years • Reliance Industries Ltd. Scholarship for Scholastic Achievements in the Higher Secondary Certificate Examination

PROJECTS UNDERTAKEN

Network Enabled Robot, Bhabha Atomic Research Center under Dr. J.K. Mukherjee:

Currently pursuing my Final Year Project which involves the expansion of Printer Parallel Port offering 16 TTL Level Digital I/O Lines. The main part involves the development of the Internet Enabled Robot using the TCP/IP Ethernet Protocol

Activity Communicator, IIT Mumbai under Dr. M.S. Agarwal: Worked for a period of two months to develop this project, the practical applications of which include Telerobotic Surgery and Distance Education

Autonomous Line Tracking Robot: Developed a Robot with IR Sensors used for Edge Detection made by the integration of stepper motors, relays and motor drivers • Participated at IIT Mumbai Line Tracking Robot Competition • Secured 1st Prize at Techtrix'04

TECHNICAL PAPERS PRESENTED

• **Bluetooth Technology:** Explained the fundamentals of Cellular Communication via the Bluetooth Network • **Radio Frequency Identification(RFID):** Explained the technologies that use radio waves to automatically identify people or objects • **Networking-Tracing the Trace Route:** Put forth my view on the importance of Traceroute for Network Troubleshooting

RESEARCH INTERESTS

• Wireless Sensor Networks • Ad- Hoc Networks • Wireless Robotics • Multi Hop Wireless Networks

WORK EXPERIENCE

Teaching Assistant, Kheshel Consultants

January 2005 - Present

• Financing part of my education by working 10 hours a week • Taught Engineering Subjects for 8 months • Teaching GRE Mathematics since two months

Summer Internship, Kusum Engineering Works

June 2005 - July 2005

• Implemented a Wireless LAN setup for a project site • The system structure consisted of a Cisco Aironet Solution, with a single Wireless Access point connecting upto 30 users at one time.

Teaching Assistant, Prof. Vilas's Classes

June 2002 – January 2003

• Taught Higher Secondary Certificate(H.S.C.) Examination Mathematics and Physics for 15 hours a week for a period of six months

TECHNICAL SKILLS

C, C++, HTML, MS PowerPoint, Matlab, Microsoft Visual Studio, MS FrontPage, Corel Draw, Macromedia Flash, Cadsoft Eagle, Keil uVision, Electronic Workbench, Java JSP, VB Script.

EXTRA-CURRICULAR ACHIEVEMENTS

• Conducted Workshops and presented Seminars on Robotics at Institutes in Mumbai • Secured the first prize in robotics at various College Technical Festivals • Cleared all Grades of The Trinity College of London (Speech and Drama Classes) • Conducted blood and eye donation camps under the Rotary Club Of India • Currently pursuing Cisco Certified Network Associate (CCNA) Examination