Praveen Kumar Pendyala 100070028

Electrical Engineering **UG Second Year**

Indian Institute of Technology, Bombay **Male**

DOB: 26-10-1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	7.49
Intermediate/+2	Board of Intermediate Education, Andhra Pradesh	Vijaya Ratna Junior College	2010	94.80
Matriculation	Board of Secondary Education, Andhra Pradesh	Gowtham Model School	2008	90.30

Academic Achievements

- Secured **All India category Rank 1** in **IIT-JEE,** 2010 among 4.7 lakh students all over India
- Secured **All India category Rank 1** in **ISAT** (Test for admission to Indian Institute of Space Technology), 2010
- Shortlisted for **KVPY** (*Kishore Vaigyanik Protsahan Yojana*) awarded by the Government of India, 2010
- Secured District **1st** in **Ramanujan Maths Talent Test** 2005 conducted by the Ramunujan Mathematics Academy
- Secured District **3rd** in **Ramanujan Maths Talent Test** 2006 conducted by the Ramunujan Mathematics Academy

Position of Responsibility

- **Web Designing Manager** of the Electrical Engineering Department Festival, **Aagomani** 2012
- **Computer and Web Secretary** of Hostel 6 for the year 2011-12
- **Tech Mentor** for 16 Students in **TechOne**, the 1st tech competition for freshmen and guided them to make their 1st manually controlled car
- Working as a **Coordinator** of Competitions and Workshops in **Techfest** 2012
- Worked as an **Organiser** for Marketing in **Techfest** 2011 assuming the responsibility of Organising BMX Bicycle stunts show

Skills

Operating Systems	:	**Microsoft Windows** : 95, 98, 99, ME, Xp, Vista, 7	
	:	**Linux**	: Ubuntu, Fedora, Debian, Red Hat
	:	**Apple**	: Macintosh
	:	**Microsoft**	: DOS (Disk Operating System)
Programming Languages	:	LOGO, Basic, C, C++, Java, MATLAB	
Web Designing Skills	:	HTML, CSS, Javascript, JQuery, AJAX, PHP, ASP, MySql	
		APIs	: Facebook API, Google Maps API v3, v2
		CMS	: Joomla
Packages	:	EAGLE, LTSpice, MatLab, Sage, Microsoft Word, Microsoft Powerpoint, Microsoft Excel, Microsoft Access, Microsoft Frontpage, Adobe Photoshop, Adobe Dreamweaver, Adobe Flash, Web Studio, Wamp, XWAMPP, LabView, Verilog	

Key Projects

- **Intern Claymore Capitals**   *(December 2011)*
  - Led a team of 4 in the development of the company website (imeqx.com) and taking the total responsibilty of work division, Database design, Google Maps Integration and a part of the PHP MySql coding
- **Online Shopping Cart**   *(20th August 2010 – 28th August 2010)*
  - Developed the complete back end of an Online shopping cart (www.theshopolic.com) working alone for 7 days
- **Optical Mouse**   *(spring 2010 course project)*
  - **Hand held scanner** using components of a Optical mouse and a **10 page term paper** describing its internal working mechanism in detail working in a team of 3

- **Pocket Tanks**   *(Autumn 2010 course project)*
  - Designed the popular **Pocket Tanks** game from scratch in **C++** using **EzWindows** as a GUI builder and working in a team of 13
- **Facebook Application**   *(May –July 2010)*
  - Developed a Facebook Application, Spatchaker (Sports Match Maker) as a **WnCC** (Web n Coding Club), IIT Bombay summer project working in a team of 3

Extracurricular Activities

- **B-Certificate** in **NCC** (National Cadet Corps)
- Played in Intra school **Volley** Competitions held in 2007
- Active player in **Volleyball**, **Football ,Badminton ,Chess ,Backgammon**

Courses covered

Theory :-
- Electronic Devices and Circuits
- Network theory
- Introduction to Electronics
- Introduction to Electrical Systems
- Computer Programming and Utilization (C++ Programming)
- Electrical and Magnetism
- Data Interpretation and Analysis
- Calculus
- Differential Equations
- Linear Algebra
- Complex Analysis
- Classical Mechanics (Minor in Department of Physics)

Lab courses :-
- Electronic Devices Lab
- Measurement Lab
- Engineering Drawing
- Mechanical Workshop
- Physics Lab
- Chemistry Lab
- Analog circuits Lab
- Digital systems Lab
- Electrical machines and power electronics Lab