



KAMINENI RAJESH RAO
Computer Science & Engineering
Indian Institute of Technology, Bombay

09005062
UG Third Year (B.Tech.)
Male
DOB: 17/10/1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.28
Intermediate/+2	Board of Intermediate Education, A.P	Sri Sai Vikas Junior College	2008	95.50
Matriculation	Board of Secondary Education, A.P	St.Peter's Public School	2006	92.00

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 328** in **IIT- JEE** 2009 , out of over 4,00,000 students.
- Secured **All India Rank 686** (B.Tech) and **All India Rank below 300** (B.Arch) in **All India Engineering Entrance Examination (AIEEE)** 2009 out of over **1 Million** students.
- Secured **State Rank 840** in **Andhra Pradesh Engineering, Agriculture and Medical Common Entrance Test (EAMCET)** 2009 out of over 2,50,000 students.
- Awarded certificate of merit for being placed in **national top 1% in National Standard Examination in Physics (NSEP)** 2008.
- Received certificate of merit and trophy for being **District 1st** in **C.V.Raman Young Genius Talent Test** in 2006.

TECHNICAL SKILLS

- PROGRAMMING SKILLS** : C, C++ , Java, PLT Scheme
- SOFTWARE SKILLS**: Scilab , Sony Vegas, Adobe Photoshop , MS Office.
- SCRIPTING LANGUAGES & WEB DESIGNING** : Php , javascript , HTML , CSS.
- OPERATING SYSTEMS**: Linux , Windows .
- OTHERS**: Sql , JDBC , XSPIM, JavaFx, MIPS.

ACADEMIC PROJECTS

- MINI NATIONAL UNIQUE IDENTITY PROJECT (Autumn-09)**
BIOMETRIC FINGER PRINT ANALYSIS:
Under the guidance of **Prof. Deepak B Pathak**.
Description:
Was in a team of 4 for the **consolidation and classification** part of the project.
- Tic-Tac-toe Game (Spring-10):**
Under the guidance of **Prof.Amitabha sanyal** .
Description:
It is a game for two players, O and X, who take turns marking the spaces in a 3x3 grid, player who succeeds in placing three respective marks in a horizontal, vertical or diagonal row wins the game.
Made an interface for the game and implemented **Artificial intelligence** for the game against computer.
- File Searching (Autumn-10):**
Under the guidance of **Prof. O.M.Damani**.
Description: Searches for a key and the outputs the paths of the files in the system having the key.Implemented a data structure called suffix tree and optimised the algorithm. Implemented the graphical interface using gtk.

INTERNSHIPS

- **EKLAVYA SUMMER INTERNSHIP, IIT BOMBAY (2011)**

Project: ProxyMITY, Under the guidance of **Prof. Deepak B Pathak** .

Description: Proximity is an Open Source Multimedia Integration and Editing Tool. The tool allows lecturers to download existing video lectures along with slides. The lecturers can delete content/ append their own videos/slides and save the lecture.

Completed the Integration of VLC Media Player using VLCJ and addition of features like slicing the video, webcam capture, Synchronisation of slides , GUI using java Swing and Java Fx.

AREAS OF INTEREST

- Operating Systems, Computer Architecture
- Algorithm Design & Analysis.
- Functional Programming.

COURSES UNDERTAKEN

- **Core courses**
 - **CS 101** , Computer Programming and Utilisation.
 - **CS 152 & CS 154** , Abstractions and Paradigms in Programming (Functional, Imperative and Logic Programming) and Lab.
 - **CS 213** , Data Structures and Algorithms & Lab .
 - **CS 207** , Discrete Structures.
 - **CS 210 & CS 288** , Logic Design and also lab.
 - **CS 296** , Software Systems lab.
 - **CS 208** , Automata theory and logic.
- **Ongoing Courses**
 - **CS 305 & CS 341**, Computer Architecture & lab
 - **CS 317 & CS 387**, Database and Information systems & lab
 - **CS 347 & CS 377**, Operating Systems & lab

EXTRA-CURRICULAR ACTIVITIES

- Member of **NSO Hockey** in the academic year 2009-10.
- Member of **Freshie hockey team** for institute Hockey GC for the academic year 2009-10.
- Member of **Hostel Hockey Sophie team & Hostel Hockey Team** for the year 2010-11.
- Part of the music video “**It’s my life**” which won **1st place** at Freshizza 2009.

POSITIONS OF RESPONSIBILITY

- Worked as an **organizer** for **TechFest 2010**.
- Worked as an **organizer** for **MoodIndigo 2010**.
- Worked as a **co-ordinator** for **TechFest 2011**.

I here by declare that the statements mentioned above are correct to my knowledge.

- KAMINENI RAJESH RAO