



Akshay Patidar
Computer Science & Engineering
Indian Institute of Technology Bombay

160050050
UG Second Year
Male
DOB: 26 Jan 1999

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2018	9.35

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 41** in JEE Advanced 2016 among 150 thousand candidates 2016
- Secured **All India Rank 13** in JEE Mains 2016 among over 1.3 million candidates 2016
- Recipient of **Kishore Vaigyanik Protsahan Yojna (KVPY)** Fellowship instituted by the Department of Science and Technology, Government of India 2016
- Awarded **AP** grade for exceptional performance in **Quantum Physics And Applications** course 2016-17
- Received certificate of merit for being in the top 0.1% students in **Mathematics**, AISSEE 2016 2016
- Awarded Certificate Of Merit for being in **National Top 1%** in National Standard Examination In Chemistry and Physics (**NSEC,NSEP**) conducted by Indian Association of Physics Teachers (IAPT) 2015-16

PROJECTS

GetPlaced Android Application

Autumn 2017

Prof. Kavi Arya | Software Systems Lab

(Course Project)

- Designed an android application for Internships and Placements in IIT Bombay with personalized accounts for students (using SSO Login) and companies
- Included a feature Resume Maker which generates resume in PDF format with user's details.
- Used Django for automatic database-abstraction API to create, update, retrieve and delete objects

Minesweeper Game in Racket

Spring 2017

Prof. Amitabha Sanyal | Abstractions and Paradigms for Programming

(Course Project)

- Used functional Programming Language Racket to develop classical game of Minesweeper with randomized position of mines, timer and ability to flag mines
- Implemented a Custom Difficulty feature to allow users to choose the number of mines and size of the grid

Rule based Syntactic Parser

Spring 2017

Prof. Amitabha Sanyal | Abstractions and Paradigms for Programming

(Course Project)

- Constructed a syntactic parser for a small rule-based language given its grammatical rules
- Tailored a variable parser, term parser and an expression parser based on the basic sequential and alternate parsers using functional programming in Racket, multi-paradigm programming language

Android app controlled racing bot

August 2016

Electronics and Robotics Club, IIT Bombay

- Designed an android app controlled bot capable of negotiating different kinds of obstacles in its path in stipulated amount of time for XLR8 competition conducted by Robotics Club, IITB

TECHNICAL SKILLS

Programming Languages : C++, Python, Bash, Java, Racket, Prolog
Software Skills : \LaTeX , MATLAB, GNU Plot, AutoCAD, Make
Web Development : HTML, CSS, JavaScript, PHP, Django, SQL, Android Studio

POSITIONS OF RESPONSIBILITY

Web Coordinator

2017

Entrepreneurship Cell IIT Bombay

- Developed an interactive portal in which professors can enlist projects and students can apply for them
- Actively involved in maintaining the homepage of E-Cell, IIT Bombay, NEC (National Entrepreneurship Challenge) web application and CR (College Representative) web application

EXTRACURRICULAR ACTIVITIES

- Awarded certificate of recognition for securing 1st runner up position in National Level Competition of **Master Mind Abacus** 2008 held in Indore
- Successfully completed National Himalayan Trekking Expedition **Chanderkhani Pass**, Himachal Pradesh during May-June 2017 organized by Youth Hostels Association of India (YHAI)
- Successfully completed year long training in cricket under **National Sports Organization(NSO)**
- Bagged Gold Medal in **Cricket General Championship**, IIT Bombay 2017
- Active member of Rubik's Cube Club, IIT Bombay