SHAILENDRA PANDEY

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About Me

I am from Mumbai, after graduating in 2018 I got selected in several Business Schools like IMT Ghaziabad and IMI Delhi for Banking and Finance. I have always been interested in a wide variety of topics Finance and Computers being one of them. But I decided not to join a post graduate course because of my health conditions. These days I am working towards learning Programming, designing Algorithms and from there on I hope to acquire skills in Artificial Intelligence and Machine Learning. I would love to work on something that will be quite challenging and thus keep me engaged and utilize a wider set of my core capabilities namely analytical thinking, mathematical abilities and my love for computers.

Academics

2011 Xth City International School - Mumbai

92% with Technical Drawing and Sciences

2013 XIIth Vidyanidhi Junior College of Arts & Science - Mumbai

79% with Electronics

2018 Bachelors in Technology: National Institute of Technology - Calicut

Production Engineering - 5.93 CGPA with Herbal Biotechnology, Accounting and Finance, Vernacular Architecture and Supply Chain Management

Activities and Awards

I have been a part of various extracurricular activities during Middle and High School like Dramatics, Elocution, Debates, Singing, Dancing and Martial Arts competitions, some of the notable ones are:

- State and National level Karate (Shotokan) Competitions: I hold a Brown belt Kyu 3
- Finished Runner up in a debate competition held Hiranandani Hospital Powai
- Various Olympiads best performance was at a Cyber Olympiad AIR 160
- JEE Mains: AIR 15029
- JEE Advance: AIR 9029
- CAT: 91.54 percentile
- CET: 92.73 percentile

Familiar with: HTML, CSS, JavaScript, Tkinter and C

Worked mostly on: Python

Currently working on: Django, Data Structures and Algorithms

Past Projects

Various projects and presentations as a part of college curriculum; my two most favourite ones being:

- An Environment Studies project about determining whether electric cars in India would be cleaner and thus greener than Diesel or Petrol alternatives already plying on the road. This was interesting because at first glance it looks like an open and shut case. When we spend some time, we realize that since Electric cars would be running off of a grid that gets its power from a variety of sources, we could potentially have regions where an Electric car would indeed not be the greener option when compared to fossil fueled contemporaries. The results were quite interesting and the whole data gathering, making sane assumptions to simplify our work and number crunching to arrive at ball park figures to compare was quite invigorating. The team comprised of five more students if my memory serves me well. We did nothing in the hopes that Pandey will build the model until I realized I was the only Pandey on the team, that was just two days before the deadline.
- This perhaps is one of my finest works. My teammate and I designed and built the mechanism and linkages for an Ornithopter, which is an aircraft that flies by flapping its wings. This was challenging on several fronts. Firstly, we hadn't been taught design, modelling or simulation, it was something we were slated to be taught the next semester. Secondly it was a much more complex project than I had anticipated. We had to learn to use several new machine tools and time management was particularly tough, since most important work stations were almost always booked. We had to spend nights in different workshops of various technical clubs. There was always a doubt about whether things would work in the final assembly because slight variations in dimensional accuracies could potentially impact the working quite significantly. This was the most challenging project, much more so than what we did for Major project (which was quite lame and more of an exaggeration than anything else)