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Mr. ABC
Director, Human Relations
High paying company
trippy place 121212

Dear Sir,

I am writing to seek an internship opportunity for a duration of 6 months starting from second week of December 2014. I am fourth year undergraduate student in the Department of Engineering Design, Indian Institute of Technology, Madras. The Department of Engineering Design has a unique multidisciplinary course comprising of the fields of extensive Product Design, Electronics, Robotics, Solid Mechanics and CAD. among others. I am doing my minor in system engineering which gave me a good background in Machine Learning and data analysis.

As a part of our course, we have to undergo an industrial internship for a duration of 5 months, to gain further expertise. The intention of this term is to work on a live project, or as a member of a team. This will be over the period, 8th December 2014 to 15th May 2015.

My passion lies in creating amazing products which are realized by powerful technology. I have good exposure of embedded systems, Machine learning, Wireless networks and programming. As mentioned in resume, I have done various projects and internship in this field. I worked on Internet of things, circuit design, programming and web server during my previous internship. I have good PCB design skills also. *ICSSR*, IIT Madras gave me opportunity to do an IOT project- 'smart library shelf' under its *Student Innovation Project* program. The project aimed at connecting all the books in a library to Internet and use it to track location of book.

I realize the huge potential of Internet of Things and wish to work towards the bright future with Samsung.

Minor specialization courses in System Engineering inspired me to Machine Learning. It also led me to doing more work in Machine Learning. Union of programming skills and course works in Machine Learning enable me to make powerful algorithms. I have implemented face recognition, video classification, speech recognition, gesture recognition. I believe Internet of Things is vast potent when the data from it is used for Machine Learning and analytics.

Serving over 450 inmates of my hostel as Technical Affairs Secretary, I developed leadership, team work and communication skills.

I feel it would be amazing to work towards future in Samsung as I feel Samsung's works and my areas of interest has lot of parallels. As the internship is of 5 months duration, I believe I can contribute significantly towards the project.

I look forward to hearing from you in the near future and am available for an interview at your convenience. Please contact me with any questions you may have. Thank you for your time and consideration.

Sincerely,

Athul Vijayan