APOORVA MISHRA

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE, UTTARAKHAND, INDIA

- B.Tech. in Electrical Engineering
- Cumulative GPA: 8.184/10
- Relative coursework: Management Concepts and Practices, Fundamentals of Object Oriented Programming, Technical Communication , Discrete Mathematical structure, Data structures, Economics

DR. VIRENDRA SWARUP EDUCATION CENTRE, AWADHPURI, KANPUR, U.P., INDIA

- Class XII marks: 92%
- Class X marks: 91%

ACHIEVEMENTS

- Got All India Rank- 1539 in IIT-JEE 2009.
- Second prize in national level paper presentation competition on Smart Grid, during Cognizance 2011, the annual technical festival of IIT Roorkee.
- Received a pre-placement offer from Samsung India Software Operations Ltd. for my work at summer internship.
- Represented India and Asia as one of the five finalist teams in the world in the global Thought For Food Challenge held in Berlin during September 20-22, 2013.

EXPERIENCE

SAMSUNG RESEARCH INSTITUTE, BANGALORE, INDIA

Software Engineer   *June 2013-present*

- Worked in the client side development to ensure proper communication with server using GCM .
- Right now I am involved in a project related to location based services.

THOUGHT FOR FOOD CHALLENGE, BERLIN, GERMANY

Global Finalist   *Feb-September,2013*

- Worked extensively along with the other four members of the team to conceive and develop a project which aimed at collecting the high amount of food or organic wastage in large cities in India and use it to produce biogas for cooking and organic manure.
- The idea was formulated in the form of a business plan and presented to the judges at the final global event held in Berlin,Germany sponsored by Syngenta corporation during September 20-22.

SAMSUNG INDIA SOFTWARE OPERATIONS LTD., BANGALORE, INDIA

Student Intern   *Summer 2012*

- Extensively worked in Visual C++ to develop an affect sensitive game using OGRE (Object Oriented 3D Rendering Engine) library.
- Analyzed method for epoch extraction in speech signals using ZFF(Zero Frequency Filtering).

OKLAHOMA STATE UNIVERSITY, STILLWATER, OKLAHOMA, U.S.A.

Visiting Research Intern   *Summer 2011*
- Analyzed error surfaces for spurious valleys in two neurons recurrent artificial neural network.

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE, INDIA

B.Tech. Project   *July 2012-May 2013*

- 'Model Predictive Control of a Magnetic Levitation System using Artificial Neural Networks'(Received A+ grade for the project).

EXTRA-CURRICULAR

AUDIO SECTION, Indian Institute of Technology, Roorkee   *2009-Present*
Additional Secretary
- Responsible for running and maintaining campus radio.

COGNIZANCE, Indian Institute of Technology, Roorkee   *2011-2012*
Coordinator

- Managed and led a team of junior of in organizing a national level online quizzing event, Techase during Cognizane, the annual technical festival of IIT Roorkee .

NAV Umang, Indian Institute of Technology, Roorkee   *2012*
Coordinator
- Was the Event Organizer and represented Audio Section in Cultural Council of IIT Roorkee during the intra-IIT cultural festival Nav Umang held for the first time in our institute.

National Service Scheme, Indian Institute of Technology, Roorkee   *2009-2010*
- As a part of Prerna cell of NSS, taught and guided poor children from various villages around Roorkee as a member of Prerna Cell of NSS.

SKILLS AND INTERESTS:

- Computer skills: C, C++, Java, Visual C++, Dreamweaver, HTML, Php, MS Word, Excel, Powerpoint, Matlab ,Android, Springs, Hibernate
- Enjoy singing, drawing sketches, reading news articles

REFERENCES:

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