A M A N P R E E T   S I N G H

MALE, 21 YRS

EDUCATION

M.Sc. (Hons.) Mathematics B.E. (Hons.) Chemical Engineering	2010-2015	B.I.T.S. Pilani, Pilani Campus	5.02/10
AISSCE (Class XII)	2010	G.G.N. Public School, Ludhiana	81%
AISCE (Class X)	2008	G.G.N. Public School, Ludhiana	80%

Relevant Coursework: Computer Programing, Data Processing, Object Oriented Programing, Graphs and Networks , Computer Graphics, New Venture Creation, Symbolic Logic, Print & Audio-Visual Advertisement

INTERNSHIPS

Summer Intern, **Indian Oil Corporation Limited,** Guwahati Refinery, Assam   May 2012-Jul 2012

- Worked on the project 'Heat integration in CDU' - suggested measures to improve efficiency of heat exchangers and consequently saving fuel

ACADEMIC PROJECTS

- **Course Management Tool** (HTML/CSS and PHP/MySQL):
  - Developed an online portal for instructors to help them perform the course related tasks easily
- **Data storage and analysis for Wireless Sensor Nodes**:
  - A flask web app that logs in continuous stream of data and helps in its analysis

SELF MOTIVATED PROJECTS

- **Gtalk/SMS notifications of PU notices:**
  - Developed a Python script that sends notifications to users whenever a new notice is uploaded on PU website
- **Social Food Sharing App:** Developed a web app that helps reduce food wastage
  - Used HTML5, CSS and Google Maps API with Rails backend; team won **2nd prize** in **Google Social Hackathon**
- Managed LAN Sharing (DC++) facility for students to share files and implemented various **python scripts** for getting **Live football updates, IMDb info, CS Servers list**
- **File indexing site**: built a django web app that provides indexing and searching of files shared on LAN

POSITIONS OF RESPONSIBILITY

- **President,** Chemical Engineering Association, BITS Pilani, 2013-14
- **Webmaster,** Chemical Engineering Association, BITS Pilani, 2012-13: created websites for events like **SCHEMCON 2012**
- **Core Team Member, Dept. of Visual Media (previously CCTV):** created websites and promotion videos for college fests
- **Elected Student Representative** for **Students' Mess Council(SMC),** 2011-12
- **Core Team Member,** Embryo Club: organized various cross-campus talks
- **Co-founder and Tech Lead at Fabriso:** Printed and delivered 5000+ custom merchandise to BITS and other institutes

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Runner-up in **Google Social Hackathon** and **Ethical Hacking Contest**, APOGEE 2013
- Performed at various cultural events including Institute Founder's Day, 2011
- Playing football, badminton and table tennis

TECHNICAL SKILLS

- **Programing Languages:** C, C++, Python, JAVA, HTML/CSS, Javascript, PHP, SQL, Lua (basic)
- **Web technologies:** Django and Flask web frameworks
- **Software:** Adobe Creative Suite (Photoshop, Illustrator, After Effects, Premiere Pro, Audition, etc.), MAYA basics, Microsoft Office Suite, AutoCAD
- **Operating Systems:** Windows, Linux