

AMANPREET SINGH

MALE, 21 YRS

EDUCATION

M.Sc. (Hons.) Mathematics B.E. (Hons.) Chemical Engineering	2010-2015	B.I.T.S. Pilani, Pilani Campus	5.04/10
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

Google Summer of Code Student May 2014-Aug 2014

- Ported Flumotion (an open source media streaming server) from Gstreamer 0.10 to 1.0 API under TimVideos.us

Web Development Intern, Klientas, Trivandrum, Kerela July 2014-present

- Worked on various client websites to build and deploy websites as per requirement

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:**
 - Developed a python flask web app that logs in continuous stream of data and helps in its analysis
- Analysis of Simple modeling with Polygon Primitives:** analyzed and demonstrated effect of change of slices and stacks for the modeling of primitive solids and wireframes using GLUT in OpenGL.

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 Placement Unit website
- Social Food Sharing App:** Developed a web app, that helps reduce food wastage, using HTML5, CSS and Google Maps API with Rails backend; awarded 2nd prize in **Google Social Hackathon**
- File indexing site:** built a django web app that provides indexing and searching of files shared on LAN
- Managed LAN Sharing facility for students and implemented various **python scripts** for getting **Live football updates, IMDb info, CS Servers list**

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

TECHNICAL SKILLS

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