

Sylvia MITTAL

PERSONAL DATA

PLACE AND DATE OF BIRTH: Kurukshetra, Haryana, India | 23 December 1997
ADDRESS: H.No. 657 Ward no. 8 , Indira Colony, Railway Road,
Kurukshetra, Haryana, India
PHONE: +91 7807105329
EMAIL: b16038@students.iitmandi.ac.in

POSITIONS OF RESPONSIBILITY

Current JULY 2017	Joint Sports Secretary GIRLS <i>IIT Mandi</i>
JUNE-OCT 2017	Web Developer at RANN-NEETI, IIT Mandi Rann-Neeti is the annual sports fest of IIT Mandi. My responsibility was to create and maintain the website of the fest.
APRIL-MAY 2017	Graphic Designer Co-ordinator at TEDx, <i>IIT Mandi</i> TEDx is a program of local, self-organized events that bring people together. At a TEDx event, my primary job responsibilities included: overseeing and directing all aspects of a scenic décor project's planning, production and design - from conception, proposal creation, installation and completion which were accomplished using "Photoshop".
FEB-APRIL 2017	Graphic Designer at EXODIA, <i>IIT Mandi</i> Exodia is the annual tech-cult fest of IIT Mandi.

EDUCATION

PRESENT	Bachelor's Degree COMPUTER SCIENCE AND ENGINEERING Indian Institute of Technology, Mandi	CGPA : 9.00
MARCH 2016	Senior Secondary School at ANNES SCHOOL, KHARAR, PUNJAB with 98% in PCM	
MARCH 2014	High School at Aggarsain Public School , Kurukshetra, Haryana	CGPA: 10

ACHIEVEMENTS, SCHOLARSHIPS AND CERTIFICATES

MAY 2016	JEE Advanced AIR : 2123
MARCH 2016	JEE Mains AIR : 707
MARCH 2016	BITSAT Score : 402/450
2014	Kishor Vaigyanik Protsahan Yojana(KVPY) Scholar
2014	Regional Mathematics Olympiad (RMO) Qualified
2014	National Talent Search Exam (NTSE) Scholar

ACADEMIC / PERSONAL PROJECTS

Current MARCH 2018	EWOKHABAR - Info Portal for Rural Women <i>This portal will help women to get information about various schemes offered by government and open-schooling. They can also get various business opportunities in near-by area to earn a living. This portal will be made on WordPress which is a content management system. The portal will be bilingual which will be implemented using the WordPress plugins.</i>
DEC -JULY 2017	Image Processing (Machine Learning) - Computer Vision <i>Face and Eyes Detection in Images and Videos Application using OpenCV to read,detect,perform various operations. Haar feature-based cascade classifiers is used for Object Detection. For GUI of the neural network, Tkinter,a library in Python has been used. This has been implemented in both Web and Android using tensorflow, a software library for machine learning by Google.</i>
DEC-MAY 2017	Online Portal- Enabling Women Of Kamand <i>Portal will help the women to promote their business and get extra credits by letting the people know about their business by registering through the portal.The portal is in both Hindi and English language so that the women can understand the procedure easily on their own. They will get orders from customers and will get paid for their work. Customers can see their profiles. Rate them according to their work. Technologies used are PHP and MySQL for backend. HTML, CSS, JavaScript, Material Design components have been used for frontend.</i>
SEPT-NOV 2017	Acenet- The Student Activity Network Dashboard <i>It is a common platform for a college campus. An easily accessible resource host which has curated content, relevant posts, common community-contributed portals for course reviews, timetables, in-campus activity calendar; literally everything that is relevant for a campus, in one platform. The backend would supported by NodeJS and MySQL help in storing information, curating events / notifications for the user, and maintaining common items, eg: a common timetable for each course shared across users. Users can create account on the platform so as to communicate and share ideas and needs with the organisation, create events, discussion forums, notifications etc. UI has been designed using EJS, CSS, Javascript, jQuery, Material Design Lite components for frontend.</i>
AUG-OCT 2017	Inventory Manager - GYMKHANA, IIT MANDI <i>Online portal for the proper management of the equipments of different clubs of IIT Mandi which contains User Dashboard, Coordinator Dashboard to approve requests and a Signup/Login Page. Use of NodeJS as a backend language to connect and query database. The database is maintained in NoSQL format using MongoDB. EJS, Material Design Lite components comprise the front-end.</i>
MAR-JUNE 2017	Contacts Directory - IIT MANDI <i>A community directory for IIT Mandians to connect with each other with better GUI. Includes all of the BTech batches, Mtech, MS, MSc, PhD, iPhD, Faculties, Staffs of various departments. Supports live search in each page restricted to that batch, along with a centralised home search for all the people included. Use of PHP as a backend language to connect and query database. The database is maintained in NoSQL format using MongoDB. CSS and HTML comprises the front-end.</i>

COMPUTER SKILLS AND ENDORSEMENTS

Languages : C, C++, PYTHON , ASSEMBLY , HTML, CSS, PHP, MYSQL, BASH, JAVASCRIPT, LATEX

Operating Systems : LINUX, UBUNTU, Windows

Softwares : Android Studio, Adobe Photoshop, Windows Movie Maker, XILINX, Microsoft Excel
Microsoft Word, Microsoft Office, Microsoft PowerPoint

Others : GIT, GITHUB, GNU PLOT, Algorithms, UI Designing

COURSES TAKEN

Completed : DATA STRUCTURE AND ALGORITHMS (CS202) , APPLIED DATABASE PRACTICUM (CS207),
MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (CS208),
COMPUTATION FOR ENGINEERS (CS101),
PROGRAMMING AND DATA STRUCTURES PRACITUM (CS102) , LINEAR ALGEBRA (IC111),
APPLIED ELECTRONICS (IC161), SIGNALS AND SYSTEMS (IC260)
ENGINEERING MATHEMATICS (MA101), ELECTRICAL SYSTEMS AROUND US (IC160).

Ongoing : COMPUTER ORGANISATION (CS201) , INFORMATION AND DATABASE SYSTEMS (CS309),
PROBABILITY STATISTICS AND RANDOM PROCESSES (IC210), CONTINUUM MECHANICS (IC242)
FOUNDATIONS OF ELECTRODYNAMICS (IC221), DESIGN PRACTICUM (IC201P).

ACTIVITIES AND INTERESTS

Technology : Open-Source
Programming, Web Development, Android App Development
Planning and Management
Social Work, Basketball, Badminton, Lawn Tennis
Travelling, Singing and Dancing, Social Work

REFERENCES

Available upon request

LANGUAGES

ENGLISH: Fluent
GERMAN: Limited Working Proficiency
HINDI: Native or Bilingual