Lalit Chauhan

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EDUCATION

Examination	Institution	Board/University	Year	Percentage/Grade
B.Tech (Information Technology)	NIT Raipur	NIT Raipur	2013-Present	9.11/10
All India Senior School Certificate Examination	G.D. Sr. Sec. School, Gurgaon	C.B.S.E	March 2013	86.7/100
All India Secondary School Examination	Drona Public School, Gurgaon	C.B.S.E	April-2011	8.4/10

TECHNICAL SKILLS

Algorithm, Data Structure, C, C++, Python, PHP, MySQL, JavaScript, AngularJS, REST API, Image Processing, GIT, JSON, OpenCv, Django, Ubuntu, Shell Scripting

WORK EXPERIENCE

Xerox Research Centre, India - Research Intern   *Summer 2016*
- Developed a prototype of holistic platform which collect from different heterogeneous data source (i.e.Google Fit, Jawbone,etc.) and deduce insights from collected Data and send personalised notification accordingly. Used Shimmer (open source Project by Open mHeath) for pulling data from Google Fit and Jawbone cloud.
- Used AngularJS, Materialize CSS for developing front end module and Spring Boot for developing Backend Module.Data Exchange format between different module is JSON.

Indian Institute of Technology Gandhinagar - Research Intern   *Summer 2015*
- Developed a web interface for Friction-stir welding (FSW) simulation model by which a person sitting at another end (in other college or workshop) can get parameter related to stir welding data by providing parameters related to Work piece, Tool Material etc.
- Used JavaScript, HTML5 and Bootstrap CSS for developing front end. PHP and MySQL in backend and Used Matplotlib-Python, Numpy, Scipy for Processing Data.

BankSmarts - Developer Intern   *Winter 2014*
- Worked on Database Layer of their initial Product.
- Created Stored Procedure in MySQLi. Worked on algorithm for efficient search and data Manipulation.
- BankSmarts is bought by Number Mall.

PROJECTS

JagrukBharat
- Worked on backend of an Android/Web Application with the aim of providing policies of central government as well as corresponding state government to effectively reach every citizen of India irrespective of their educational background.
- Used Language and Framework: - Django, BeautifulSoup(Python Package).

Efficient Job Allocation System in BPO
- Developed a numerical model for efficient job allocation in service based industries on basis of their skill set, educational background, experience, etc by creating a Web Application that can be used by project managers.
- Used Language and Framework: - PHP, AngularJS, Materialize CSS, MySQL.

ACHIEVEMENTS

- Top 25 finalist of GE Edison Challenge and won social squad Award.
- Won Best Poster Award at XRCI.
- Successfully cleared State Level Round of Infosys Aspiration 2020.
- College level Finalist of ACM ICPC 2015, 2016.
- Among top two students of Branch.
- Ranked Among top 1% programmer in India on HackerRank.

POSITION OF RESPONSIBILITY

- Served as an executive Member of Technocracy.
- Member of Programming Club.
- Tech lead at codeUtsava 1.0, a mega Computer Science event to be organized on 4-5 Feb 2017.