

# Lalit Chauhan

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## AREAS OF INTEREST

Design of Algorithm, Web Development, Digital Image Processing, Machine Learning

## ACADEMIC BACKGROUND

Examination	Institution	Board/University	Year	Percentage /Grade
B.Tech (IT)	NIT Raipur	NIT Raipur	2013-Present	8.86/10
All India Senior School Certificate Examination	G.D. Sr. Sec. School, Gurgaon	C.B.S.E	March 2013	86.70/100
All India Secondary School Examination	Drona Public School, Gurgaon	C.B.S.E	April-2011	8.4/10

## ACADEMIC, RESEARCH INDUSTRIAL EXPERIENCE

Position held	Organization	Period
Summer Research Intern	IIT Gandhinagar	May'15- Jul'15
Core Member	The Technocracy, NIT Raipur	Sep'14- Present
President	Programming Club, NIT Raipur	July'15-Present
Web Developer Intern	BankSmarts Solution, Gurgaon	Dec'14-Jan'15

## SKILLS

- Languages :C, C++, PYTHON,PHP,Javascript,Unix Shell Scripting
- FrameWorks :Django,Angular Js,Bootstrap Css
- Database :MySQL, Parse
- Development Tools :Requestbin, Firebug, JsFiddle,Firebug

## PROJECT UNDERTAKEN

- Web Interface for numerical model of Friction Stir Welding  
(Guide: Prof. Amit Arora, IITGN, May'15 - Jul'15)
  - **Objective** :To Provide a web interface of simulation related to friction stir welding experiments.
  - Development of a web interface for Friction-stir welding (FSW) simulation by which a person sitting at other end (in other college or workshop) can get parameter related to stir welding data by providing parameters related to Workpiece, Tool Material,etc.
  - Used JavaScript, HTML5, Bootstrap CSS for developing front end . PHP and MySQL in backend.
  - Used Matplotlib-Python, Numpy, scipy for Processing Large Data .
- ConnectFarm  
(Developed during Inout Hackthon )
  - **Objective** :To Connect Farmers with interWebs.
  - Used Heroku PHP, Exotel API, Parse, Android, Java.
- Classification of Images (Research Project)  
(Guide: Prof. Keshri Verma, Aug'15 - Present)
  - **Objective** :To classify images of a given data set by using OpenCV ,Python Scikit, machine learning algorithms and digital image processing.

## ACHIEVEMENTS

- Among top two students of Branch.

- Successfully cleared State Level Round of Infosys Aspiration 2020.
- Codechef Long Challenge Rating 7981.4 , Short Challenge Rating 1956.01, Lunch Time Rating 1528.10.
- College level Finalist of ACM ICPC 2015.
- Got Summer Research Intern at IITGN.
- Participated in Inout Hackathon organised by N.I.T surat in association of Google, Facebook, Twitter, Exotel,etc.

## PERSONAL INFORMATION

- Date of Birth : 25 Sept 1995
- Father's Name : Mr. Vinod Kumar Chauhan
- Mother's Name : Mrs. Krishna Chauhan
- Address : 515, Hostel-H, Nit Raipur, Raipur, C.G, INDIA, Pin - 492010
- Languages Known : English and Hindi
- Hobbies : Programming , Reading