

Umesh MALHOTRA

PERSONAL DATA

DATE OF BIRTH: 31 July 1995
ADDRESS: 7-SA-17, Pawanpuri South, Bikaner (Rajasthan)
PHONE: +91 9897729069
EMAIL: umeshmalhotra1995@gmail.com

EDUCATION

2013-2017	Bachelor of Technology Major: Production and Industrial Engineering GPA: 7.232	IIT Roorkee
MAY 2013	Senior Secondary Percentage: 82.83%	Yadav Bharti Sr. Secondary School
MAY 2011	Secondary Percentage: 88.67%	Holy Mission Public School

INTERNSHIP

May 2016	Application Programmer Intern
JULY 2016	Roofpik <ul style="list-style-type: none">Assisted in development of mobile Application for Real Estate industry using AngularJS and Ionic Framework.Developed an app for tracking the productivity of marketing team using AngularJS, Ionic, Google Maps API and Firebase.Fixed bugs and improved the overall user experience of the app.

PROJECTS

Aug 2016	Development of Haptic Robotic Hand for Motor Rehabilitation.
Apri 2017	B.Tech Project , IIT Roorkee <ul style="list-style-type: none">Designed and developed a Haptic Robotic Hand Glove.Modelling of a 3D virtual hand in blender using python.Integrated physical hand glove with virtual hand using Arduino programming and pySerial API.
Sept 2016	Reddit-feed app Developed a hybrid app from scratch using Ionic Framework, AngularJS for fetching top stories from reddit using Reddit-API. Project Code
May 2017	Loan Prediction <ul style="list-style-type: none">Created a Logistic Regression based model in python which predicts whether a customer is eligible for loan amount or not based on previous customers data.Used k-fold cross-validation, decision tree, random forest and gradient boosting algorithms in scikit-learn and pandas.

EXTRACURRICULAR ACTIVITIES

Co-Ordinator

Thomso-2015, IIT Roorkee

- Held the position of coordinator of 6 membered team for the event Queen's Gambit.
- Framed problems for this "Chess tactics solving competition" and conducted the same using powerpoint presentations.

Competitive Programming

Actively participating in problem solving on platforms like spoj, codechef, hackerearth etc. since sophomore year.

- Secured Rank 183 in July circuits-2016,a programming contest held on Hackerearth among 3789 participants
- Links to various online programming Activities: [Hackerearth](#), [spoj](#), [Codechef](#), [Github](#)

SKILLS

Computer Languages: C++, Java, JavaScript, AngularJS, HTML,CSS, SQL
Software Packages: Eclipse, Android Studio, Code Blocks, mysql,LINUX, git
Additional Courses: DBMS (CS-351), Data Structures and Algorithms, Machine Learning

INTERESTS AND ACTIVITIES

Technology, Open-Source, Programming
Paradoxes, Poetry, Problem-Solving
Football, Travelling