Rohan Lekhwani

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Pune	8.55	2017- Present
CBSE	Army Public School, Kirkee, Pune	87.6	2016
ICSE	Hutchings High School, Pune	95.17	2014

SCHOLASTIC ACHIEVEMENTS

- **Department Rank 5** in the Institute (Semester 3).
- Bagged **All India Rank 24** and emerged as **Pune City Topper** in Nationwide Education and Scholarship Test. (NEST 1) 2017.
- Submitted Idea which was shortlisted for the final round of Rural Development Hackathon hosted by HackerEarth attempted by over 3,000 teams
- Won **2nd Prize** in VIT Pune's Annual Coding Competition. (Melange 2018).
- **Opening Rank** of IIIT Pune through JEE. (2017)
- Secured **All India Rank 5092** in JEE (Main) 2017 out of **1.3 million** candidates.
- Secured 326/450 marks in BITSAT held by Birla Institute of Technology and Sciences, Pilani (BITS Pilani).
- Emerged as Physics School Topper scoring **95/100** (2016).
- Ranked 4th in school overall and topped English scoring **96/100** (2014)

TECHNICAL SKILLS

Programming Languages Python(with NumPy and Pandas) , Java, C, C++
Software   GNU Octave, MATLAB, Git, AutoCAD, Android Studio,
Web Development   HTML5, CSS, Javascript, Bootstrap, NodeJs, Express
Mobile Technologies   Android Programming
Database Management mySQL, MongoDB.

RELEVANT COURSES UNDERTAKEN/ ONGOING

Python Programming   Multivariate Calculus   Analysis and Design of Algorithms
Data Structure and Algorithms   Discrete Structures and Graph Theory
Univariate Calculus
MOOCs - Machine Learning(Stanford), Web Development (Udemy), Android Programming (Udacity), Git (Udacity),

EXPERIENCE

Center for Development of   **June and July 2018**
Advanced Computing (C-DAC) , Pune

Project Intern

- Worked with **Team Gist at C-DAC** using **NodeJs** and **Express** to create a web scrapper that would fetch phrases off websites, store them, translate them into user specified language and reload the translated website.
- Integrated the scraper by building a model that could use 3 translation services including **Google Translate, Yandex, Bing Translate** to translate the webpage into the required language.
- The model was also used by the **Machine Learning Team at C-DAC** for collecting data.

PROJECTS

Twitter Sentiment Analysis   **November, 2018**
https://github.com/RonLek/Twitter-Sentiment-Analysis
- Used the **Twitter API** to analyze sentiments of Tweets related to a topic using **TextBlob**.
- The model predicts a **subjectivity** and **polarity** rating that estimates the factualness/opinion and negative/positive sentiment for each Tweet that is analyzed by the model.

Iris Flower Classification   **October, 2018**
https://github.com/RonLek/Iris-Flower-Classification
- Trained a model that classifies Iris Flowers into 3 classes based on their sepal-length, sepal-width, petal-length, petal-width.
- Selected the most optimum algorithm out of **Logistic Regression, Linear Discriminant Analysis, K- Nearest Neighbors, Decision Tree Classifier, Gaussian Naive Bayes and Support Vector Machines** to predict classes. Dataset - UCI Machine Learning Repository

IIIT Pune App   **September, 2017 - August, 2018**
https://play.google.com/store/apps/details?id=com.rohanlekhwani.iiitpuneapp
- Built the Institute Android Mobile Application with features like **Live Mess Menu and Feedback**, **Forum** for IIIT Pune students and a **Lost and Found** facility built into the app.
- Used **Google's ML Kit** to provide a new way of issuing books by scanning Bar-Code of a Library Book to issue it directly from the students phone. Supported formats include **13 types of 1-D and 2-D bar-codes.**
- Used Firebase Realtime-Databse and Authentication as a part of Back-End for the application.
- **The App is live on the Google Play Store has been made the Official App of IIIT Pune. It has received more than 200 downloads and has been rated 5-star by more than 90 users.**

Bideo Player   **April 2018**

https://github.com/RonLek/BideoPlayer

- Built a Video Player from scratch that supports videos of MP4 format using **JavaFx**.
- The video Player supports about all the features provided by a commercial Video Player including changing video play speed (fps), jumping across videos and cinematic mode.

Alive   **August 2017**

https://github.com/RonLek/Alive

- Built an aircraft shooting game inspired by **Nokia's Space Impact** game using C++
- The game can directly be played from the **console** using keyboard controls and is continues till the player doesn't collide with the enemy spacecraft.

POSITIONS OF RESPONSIBILITY

Co-Founder   **March 2018 - Present**

CSRC   *IIIT Pune*

- Co-Founded **Cyber Security Research Club(CSRC)**, IIIT Pune in association with COEP's Information and Cyber Security Research Group (ICSRG) under Prof Deepak Kshirsagar(PhD. IIT Roorkee)
- Organized sessions and promoted research in the Institute regarding Cyber Awareness and Protection Methods.

Head   **October 2017 - Present**

Codechef Student Chapter   *IIIT Pune*

- Started IIIT Pune's **first** annual Inter - College Coding Competition-InfInITy.
- The contest is hosted on Codechef every year and over **2000 submissions** are made by contestants all over the world every year.

EXTRACURRICULARS

Working on a technical blog on Medium comprising of my experiences building hobby projects and hackathons.

Blue Brigade Marathon 2017 : Ran the 5 km Blue Brigade Marathon to create awareness about good health and won a medal.

TCS IT WIZ 2013 : School representative for TCS IT WIZ 2013, India's biggest Inter-School IT Quiz.