

AKSHAT GOYAL

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ACADEMICS

YEAR	INSTITUTION	COURSE	CGPA/Percentage
2018-22	Indian Institute of Information Technology, Hyderabad	B.Tech (Computer Science Engineering)	9.17 (till 2nd sem)
2017-18	D.A.V. Public School	12 th (CBSE Board)	87.8%
2015-16	D.A.V. Public School	10 th (CBSE Board)	10.000

SKILLS

- **PROGRAMMING LANGUAGE** : C, C++, Python
 - *Basic level in BASH Scripting*
- **FULL STACK WEB DEVELOPMENT** :
 - **Front-end Languages** : HTML5, CSS3, JavaScript, JQuery
 - **Back-end Languages**: Python, Flask Framework
 - Basic level in SQLite*
- **MACHINE LEARNING**: Octave, MATLAB
- **DEEP LEARNING**: Python, TensorFlow and Keras Framework

MAX RATING

- **Codeforces** maximum rating is **1758 (expert)**
- **CodeChef** maximum rating is **2073** with **5 stars**.

PROJECTS

- **INFLAMATION-DIAGNOSIS MACHINE LEARNING**
 - **Languages used**: Octave
 - **Description**: It is a machine learning based project which used Regularized Logistic Regression to perform the diagnosing of the acute inflammations of urinary bladder and acute nephritis. The data is created by medical experts.
 - **Link**: <https://github.com/Akshat-Goyal/Inflammation-Diagnosis-Machine-Learning>
- **FLASK PROJECT**
 - **Languages used**: Python, Flask Framework, JavaScript, AJAX, SQLite, HTML5, CSS3, JQuery
 - **Purpose**: Build for vlab.
 - **Description**: It is a full stack website build using flask framework based on the topic, "Coarse-grained Pos tagging (Computational Linguistic)". SQLite is used for the Experiment webpage.
 - **Link**: https://github.com/Akshat-Goyal/Flask_Project
- **2D GAME**
 - **Languages used**: Python (including pygame library)
 - **Description**: It is a one user GUI game based on python. In this, we have to shoot an enemy by using various moves before it reaches us.
 - **Link**: <https://github.com/Akshat-Goyal/Shooting-Game>

ACHIEVEMENTS

- Got 100% scholarship by securing 1st rank in college, India rank 26th and World rank 60th in CodeChef Long challenge July 2019 (Div 1).
- Secured 2nd rank in India and World rank 7th in CodeChef Long challenge June 2019.
- Secured 2nd rank in India and World rank 8th in CodeChef LunchTime challenge May 2019.
- Secured **AIR 141** in JEE-MAINS 2018 and **AIR 2219** in JEE-Advanced 2018.

LICENSES AND CERTIFICATIONS

- Machine Learning –by Andrew Ng (Coursera)
- Structuring Machine Learning Projects (Coursera)
- Convolutional Neural Networks (Coursera)
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (Coursera)
- Neural Networks and Deep Learning (Coursera)

POSITION OF RESPONSIBILITY

- **MANAGER TEACHING IN CODECHEF**
 - Arranged competitive programming basics workshops in June 2019 on behalf of CodeChef.
 - Taught Data Structures and Algorithms along with STL in C++.
- **ACTIVE MEMBER OF PROGRAMMING CLUB**
 - Teach the concepts required in competitive programming to the students of 1st year.