SHIV KUMAR

MALE, 20 YRS

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EDUCATION

Name of Course	Year	College/Institution	CGPA/Percentage
B.E.(Information Technology)	*2016-2020*	Netaji Subhas Institute of Technology, University of Delhi, Delhi	**8.14**
CLASS XII, CBSE	*2016*	Manav Rachna International School, Faridabad	**92.0%**
CLASS X, CBSE	*2014*	Manav Rachna International School, Faridabad	**10.0**

TECHNICAL SKILLS

- Languages and Frameworks : C, C++,Python3, Java, HTML,CSS, Bootstrap, JavaScript, jQuery, NodeJS, Express, Scikit Learn, Tensorflow, Keras, ROS, NLTK
- Data Analysis (Supervised Learning, Neural Networks, Natural Language Processing, Principle Component Analysis)
- UI/UX Design and Graphic Designing (Adobe Photoshop, Illustrator, Indesign)
- Kinetic Typography (Adobe After Effects)
- Video Editing (Adobe Premiere Pro)

ACADEMIC PROJECTS

- **Study of Artificial Neural Networks** [Here]   August '18
  - Implemented multi layered neural networks for bi and multi classification problems.
  - Understood the working of Artifical Neural Networks in Tensorflow and then in Keras.
- **Comparative analysis and study of different supervised learning algorithms** [Here]   June'18 – July'18
  - Implemented supervised machine learning algorithms such as **Linear Regression**, **Logistic Regression**, **Naive Bayes**, **and KNN** and ran them on standard datasets available in Scikit Learn and on Kaggle.
  - Understood the working of other algorithms such as **Decision Trees, Random Forests, Support Vector Machines** and their implementation in Scikit Learn library.
  - Performed data preprocessing using **Feature Scaling and Principle Component Analysis**.

POSITIONS OF RESPONSIBILITY

- **Head of Operations, Delegation to Harvard National Model United Nations Conference, Boston, M*A***   September'16 - February'17
  - Member of award winning delegation at the prestigious 4-day conference which saw **3000+ delegates from 70 countries.**
  - Oversaw logistics, operations and documentation of the entire delegation and **interacting with different authorities** regarding the same.
  - Represented **Zambia** in the Legal Committee of the United Nations, General Assembly and discussed the topic of "*Amnesty with reference to war crimes and crimes against humanity*".
- **Software Contributor, A.R.E.S. Robotics, NSIT**   August'18 -
  - Part of a 20 member team working on developing a rover to participate in a 4 phase University Rover Challenge.
  - Researching on different SLAM and Computer Vision based techniques to come up with an autonomous rover.
- **Executive Member, The Finance and Economics Society, NSIT**   May'17 – August'18
  - Conducted weekly sessions and presentations entailing research into topics like *FinTech and its growing prominence, Crypto Currency, Threats faced by technology advances in financial world* which saw **50+ regular attendees** per session.
  - Organized session with **Balaji Vishwanathan** on the topic "*Changing Dynamics of Indian Business World*" (with special reference to technology); saw **200+ attendees**.
- **Design Head and Event Head, Consilium: NSIT's Business Conclave**   November'17 – February'18
  - Boosted reach by **150%** by creating **the unveiling logo teaser of the conclave** which received **3000+ views** on multiple social platforms along with periodic videos and posters for **7 different events,** leading a team of designers.
  - Led a team of 20+ members which organized **the strategy event** based on the interaction of different stakeholders in an economy allowing independent participants to open companies and expand their business using different techniques such as IPOs and ICOs, which saw 150+ entries from all over New Delhi.

MOOC |EXTRA-CURRICULAR ACTIVITIES, ACHIEVEMENTS |OTHER INTERESTS

- Currently pursuing a project oriented course named "NAND to Tetris" offered by Hebrew University of Jerusalem which involves building a simulated computer from the ground up.
- Participated in 12 Model United Nations Conference | **Won awards in 9 of them.**
  - **Best Delegate** | Simulation of International Monetary Fund | 100+ delegates | Amity University, Noida
  - **High Commendation** | Simulation of Committee on the Status of Women | 100+ delegates | Ramjas College, University of Delhi
  - **Special Mention** | Simulation of Human Rights Council | 150+ delegates | Delhi Technical University
- Conducted **neighborhood computer literacy drive** teaching **40+** participants.
- Secured **3rd position** in **FIRST Lego League** Zonal Round out of **35+** teams and qualified for National Round in 2012 and received letter of recognition from the Global Learning Initiative of Carnegie Mellon University.
- Awarded the **school scholar achievement award** for continuous academic excellence for 5 years.
- Secured **1st position** in Haryana State Carom Championships and participated in National Level Basketball Championships.
- Enjoy speed cubing, debating, reading and writing.