

Himanshu Garg

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EDUCATION

- **Kurukshetra University** Kurukshetra, India
B.Tech in Computer Science & Engineering; GPA 7.0/10 *Jul 2017 - Jun 2021*
- **D.A.V. Centenary Public School** Pehowa, India
Non-Medical ; Central Board of Secondary Education; 87.6% *Mar 2016 - May 2017*

SKILL SUMMARY

- **Languages** : Python, C++, C#, NoSQL, SQL, Bash
- **Libraries & Framework** : H2O, Scikit, NLTK, Prophet, SpaCy, LAMP
- **Tools** : Docker, Kubernetes, GIT, MongoDB, MySQL, Unity 3D, Vuforia Engine
- **Platforms** : Linux, Windows, GCP, Firebase, Azure, IBM Watson, Heroku, GitHub, IPython, Raspberry
- **Soft Skills** : Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Crio.Do** Remote
Teaching Assistant - Part time *Jan 2020 - Present*
 - Assisted learners in **Linux & Python** and Assuring Quality Responses.
 - Helped Core team with issue tracking and tackling.
- **ATAL Academy, Government of India** Remote
Faculty Development Program Trainer *May 2020*
 - Appointed as Augmented Reality/ Virtual Reality Trainer for Annual FDP by ATAL
 - Taught Development of AR/VR to Faculty members of various Institutes using Unity 3D & Vuforia.
- **Crio.Do** Remote
Student Developer - Intern *Jan 2020 - Apr 2020*
 - Worked on developing various products including a setup of FTP System, Backend for a Financial Portfolio Website.
 - Worked on developing an IDE concretizing the concepts of Compiler Design & System Design.
- **Career Launcher** Remote
Machine Learning Intern *Jul 2019 - Aug 2019*
 - Researched & Studied **Financial Market** as a Machine Learning Use Case with Modern Theories.
 - Data Science Reports driven work stressed on **Visualization & Analysis** with Machine Learning
- **IBM Business Partners** Chandigarh
Artificial Intelligence Intern *Jun 2019 - Jul 2019*
 - Worked on IBM tools, Mainly concentrated on **IBM Cloud & IBM Watson**.
 - Day to Day Job includes study **Conversational AI** & implement that with distinct NLP techniques.
 - Got certified for Python, Machine Learning & Chat-bots by clearing testimonials.

ACHIEVEMENTS

- **Only Student Team in Microsoft Open Source Hackathon**, A Professional Hackathon by Microsoft
- **Top 8 in Microsoft India Innovation Series**, A National Level Hackathon by Microsoft
- **Top 9 in Electrothon out of 110 Teams**, A National Level Hackathon by NIT Hamirpur
- **1st Runner Up at Hack-N-Cody**, A National Level Hackathon by UIET, Kurukshetra University
- **Winner at AutumnHacks**, A National Level Hackathon by LPU, Jalandhar
- **1st Runner Up at Hackshetra'19**, A National Level Hackathon by NIT, Kurukshetra
- **Special Recognition Award at Infosys Digital Makeathon 2.0**, An Annual National level Hackathon of Infosys
- **Winner of Innovator'16**, An annual Inter-School competition in D.A.V. Schools of State

PROJECTS

- **Automatic Traffic Light System** Build an Automatic Traffic Light System considering flow of traffic on Tensorflow and simulating on SUMO.
- **QBox** QBox is a secure file-sharing service. It is a customized version of the popularly available VSFTPD server.
- **QMoney** QMoney is a visual stock portfolio analyzer. It helps portfolio managers make trade recommendations for their clients build.
- **CursAR** An AR APP built in Unity using C#. It helps student visualize 2D figures in 3D interactions.
- **AI for Blind** A Multi-functional App Suite help blind in various activities like Indoor & Outdoor Navigation, Communicating(help them with Facial Expression & Mood) through bluetooth or wired headset.
- **City Surveillance System** A Real-time automated system for identifying criminals, missing persons and recognizing stolen vehicle with a very competitive alert and navigation system for local Police.
- **Traffic Volume Prediction** Predicting Traffic Volume with Root Mean Squared Logarithmic Error as low as 0.04.
- **Investing Guide** A Multi-functional Suite for building the most profitable or most versatile investing portfolio with automated buying & selling of stocks keeping account of history at every stage.
- **Chat-bot** A Marvel Movies Quiz Chat-bot built & deployed on Facebook, Twitter & Telegram.
- **NLP Model for Complaint Management System** A Real-time NLP Classifier for deciding priority order of a complaint & filter out complaint with explicit content & with excessive emotions integrated in Android APP & Website.

VOLUNTEER EXPERIENCE

- **World Wide Fund for Nature - India:** I've been working as volunteer for awareness about wildlife and nature from September 2019.
- **Devfolio:** I've been working as Hackathon Organising Volunteer and help Devfolio Organise Country's biggest hackathon involving participation from several countries.
- **The Uplift Project by GirlScript Foundation:** For Uplift Project, I've been volunteering as Mentor in Leadership Skills and help people from country learning and experience Leadership Skills.