Nakul Chawla

Aim to utilize my knowledge and experience in Technical Projects, Strategic Thinking, and Leadership to justify my role in a company that helps me enhance & apply, both, my technical skills & work ethic.

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EDUCATION

B.Tech Computer Science
University of Petroleum and Energy Studies

2016 – 08   *GPA-8.03*

Courses
- with Specialisation in Cloud Computing & Virtualisation Technology in academic collaboration with IBM.

AISSCE(All India Senior School Certificate Examination)
Scholars Rosary Senior Secondary School

2015 – 2016   *88%*

AISSE(All India Secondary School Examination)
Scholars Rosary Senior Secondary School

2013 – 2014   *GPA-10.0*

WORK EXPERIENCE

INTERN
Eduwaive Foundation

06/2019 – 08/2019   *Chandigarh*

Tasks
- Built a platform to bridge the gap between students and companies.
- Designed,Developed and Deployed API's,using flask framework on Google Cloud Platform.
- Delivered a talk at GNE College on Leaf Detection Project.

Intern/Mentee
Microsoft Technical Associate Program(Verzeo)

06/2018 – 07/2018

Achievements/Tasks
- Gained knowledge about basics of Machine Learning.
- Worked on basic Machine Learning Algorithms.
- Worked on detecting and recognizing faces using cascades and finally saving them.

VOLUNTEER ACTIVITY

UPES-ACM-W (04/2019 – 08)
Chairperson

UPES-ACM-W (03/2018 – 04/2019)
Vice Chairperson

UPES-ACM (09/2017 – 03/2018)
Corporate Social Responsibility Head

TECHNICAL SKILLS

JAVA   Python   Flask   Android   Dialogflow

PERSONAL PROJECTS

EduBot (06/2019 – 08)
- A very simple communicative chatbot developed to help students learn with personalized experience. Winning project at first Eduwaive hackathon.
- Worked on the chatbot using dialog flow.

Leaf Detection (05/2019 – 05/2019)
- First end-to-end unassisted project. A basic android app to detect the category of plant by image of leaf.
- Worked on django framework for sending image from phone, developed and trained a basic CNN model on the backend for the results.

Surveillance Cambot (01/2019 – 05/2019)
- Project aimed to develop a smart CCTV to prevent crimes by detecting gun and creating alerts.
- Worked on the CNN model to detect guns, later tried implementing RCNN model for better accuracy.

Classification of Cloud Threats (08/2018 – 12/2018)
- Used C language to develop a system to detect threats in network sessions.
- Implemented K-means algorithm in C to cluster the threats and then label them.

Varnan (03/2018 – 08)
- A complaint lodging platform. Allows users to share pictures and their location to nearest police station.
- Worked on image uploading and notification system.
- 3rd Runner up in 48 hour Inter College Hackathon.

CERTIFICATES

Microsoft Technical Associate (06/2018 – 06/2018)
Introduction To Programming using Python

ACHIEVEMENTS

National Level Table Tennis Player

Awarded for Human Values

College TT team Former Captain

Eduwaive 48-hr Hackathon Winner

Finalist at Google's Developer Conference

Student Placement Representative