Akash Gautam

My interest areas lies in Natural Language Processing, Social Media Analysis and user generated content

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WORK EXPERIENCE

Undergraduate Researcher
MIDAS Labs, IIIT-Delhi

09/2018 – Present

Software Development Intern
Biztime IT Solutions

04/2016 – 06/2016

Achievements/Tasks

- Part of the team designing web application. My contribution involved creating design features based on database schema.

Summer Intern
Systems and Networks Lab IIIT-D

04/2017 – 06/2017

Achievements/Tasks

- Worked on Project -Enabling Communications over Wifi Without Associations.

Contact: Prof Mukulika Maity

Teaching Assistant
Mobile Computing Course, IIIT-D

08/2018 – 12/2018

Volunteering Task at Research Showcase
IIIT-D

02/2018 – 03/2018

EDUCATION

B.Tech(Computer Science)
Indraprastha Institute of Information Technology, Delhi

2015 – Present   *CGPA: 7.53*

Class XII
Amity International School East Delhi

2013 – 2015   *94 %*

Class X
Delhi Public School Indirapuram

2013   *CGPA: 10.00*

SKILLS

TensorFlow   Scikit Learn   LATEX

REST API(Twitter, FB, Instagram)   Mongo DB

Beautiful Soup   Arduino   Selenium

Android Studio   MY SQL   Numpy   Python

Pandas

PROJECTS

Fake Review Detection on Yelp (08/2017 – 12/2017)
- The project involved detecting fake/incentivise reviews based on user activities by giving a credibility score. The dataset was collected from publicly available challenge along with web scraping.

Emoji Recommendation System (08/2018 – 12/2018)
- The project involved utilising deep learning strategies with unique feature vector created to capture semantic relationship, which was used for classification.

Multimodal Twitter Disaster Analysis (08/2018 – Present)
- The project involved identification of informative tweets based on text and image based modality. Bi modality results were combined using Late fusion strategies.

CookMate (01/2018 – 05/2018)
- Social Media app for amateur cooks, providing features like posting and sharing recipes. App design based on high fidelity prototypes, created after performing contextual inquiry and user empathy study.

DBLP Query Engine (08/2016 – 12/2016)
- The project required to parse XML file and process queries based on search options like search by relevance, date and use naive techniques for predicting next publications of an author.

COURSES UNDERTAKEN

Natural Language Processing   Information Retrieval

Privacy and security in online social media

Introduction to media computing   Image Analysis

Designing Human centered systems

Foundation of Computer security