

# Aashish Motwani

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## OBJECTIVE

To work in an environment that promotes learning, innovation and at the same time provides challenging work problems that can prove and enrich my knowledge and skills.

## EDUCATION

### Indian Institute of Technology (BHU), Varanasi

July 2017– Current

- B. Tech in Electrical Engineering (Current CGPA: 8.99 )

Semester	I	II	III	IV
SGPA	8.98	8.51	9.60	8.85
YGPA	8.74		9.225	

### Senior Secondary School (Board)

2016

- Central Board of Secondary Education-Class 12<sup>th</sup> ( 87.60% )

### Secondary School (Board)

2014

- Central Board of Secondary Education-Class 10<sup>th</sup> ( 95.00% )

### Other academic achievements

- All India Rank **3144** in **JEE(Advanced)2017**
- Received **CBSE Certificate of Merit** for achieving highest possible grade in class 10<sup>th</sup>.

## SKILLS AND INTERESTS

- Languages:** C, C++, Python, HTML.
- Technologies:** Django Framework, Git, Sublime Text, Arduino, Adobe Premiere Pro.
- Areas of Interest:** Web Development, Data Structures, Algorithmic Programming, Machine Learning, Android Development.
- Others:** Video Animation and Editing.

## PROJECTS

# Fake News Detection

March 2019 - Current

*IIT (BHU) Varanasi*

**Guide: Prof. Vinayak Shrivastava** (Department of Computer science Engineering, IIT (BHU) Varanasi)

- Using Machine Learning to train obtained dataset to classify any given news as Fake or genuine.
- Working on logistic regression and Naïve Bayes Algorithms to obtain more suitable algorithm for news classification.

**Exposure** –Regression, NLP, Naïve Bayes, Numpy, Pandas, Scikit-learn

# Django Based projects

Jan 2018-Feb-2018

IIT (BHU), Varanasi

## My Portfolio

- Project on web development which aimed at developing a web application in the form of a blog which aimed at storing important information about the owner such as his/her daily activities or relevant contact information.

## Product Hunt Clone

- A website similar to the product hunt website where users can upvote or downvote any products of their choice.

Both these projects were developed using html for frontend and Django Framework for backend.

**Exposure**-HTML, Django Framework in python.

# DC Motor Switching Control Using CALL Application

Jan 2018-April 2018

IIT (BHU), Varanasi

**Guide: Prof.S.K Nagar** (Department of Electrical Engineering, IIT (BHU) Varanasi)

- Using GSM module from an old Mobile phone to detect certain signal from another GSM device in the form of a call or a message.
- Followed by processing the received signal using an Arduino device which subsequently controls the speed of a DC Motor using L298 Motor Driver.
- **Exposure**- GSM Technology, Arduino.

## Positions of Responsibilities Held

- Event Coordinator of online event “**RANT-IT**” held during FMC weekend.
- Public Relations Executive in FMC Weekend’18.
- Coverage Head (outreach) of Kashiyatra –Annual Cultural Fest of IIT, BHU.

## Extra-Curricular Activities

- Active Member of Outreach Club ,Film and Media Council ,IIT (BHU)
- Participated in Robotron event and built a robot that used a RFID card connected to an Arduino to intercept certain signal.

## PERSONAL INFORMATION

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|---------------------------------|--|
| • <b>Father:</b> Doulat Motwani | • <b>Mother:</b> Amita Motwani             |
| • <b>Gender:</b> Male           | • <b>Date of Birth:</b> 06/04/1998         |
| • <b>Nationality:</b> Indian    | • <b>Languages:</b> Hindi, English, Sindhi |

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