

# Uday BK

Programmer,Codeholic

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## Career objective

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To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

**Motto** : "Strive to achieve".

## Education

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### BTech-Computer science and engineering

2015 - 2019

Vellore institute of technology, Vellore

CGPA : 8.76

### Intermediate education

2013 - 2015

Narayana junior college, Anantapur

Intermediate score : 969/1000

### High school

- 2013

Narayana concept school, Anantapur

GPA : 9.8

## Skill set

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- **Programming languages** : *Python, C++, C*
- **Web tools** : *HTML5, CSS3, Django, Javascript*
- **Structured query languages** : *Oracle, MySQL*
- **Libraries/Frameworks** : *OpenCV, Django, Tkinter*
- **Editors/IDE** : *VIM,PyCharm, Clion,Codeblocks*

## Academic Projects

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### Intruder identification and alerting using whatsapp automation

Feb - Apr (2018)

-a Machine learning project

- **Description** :This project is used to identify intruder/thief and alert the administrator/owner with a sms, 10 whatsapp messages, location of intruder, a call to owner.
- **Technology used** : Machine learning.
- **Language used** : Python3.
- **Result** : Alerts owner if camera identifies intruder/thief.

### Movie Plot Analysis and Relation Extraction Using NLP

Jul - Oct (2017)

- a Natural language processing project

- **Description** :This project is used to find the knowledge embedded inside the text. Provide a story/context of a movie, outputs the relations between actors with a graph.
- **Technology used** : Natural language processing
- **Language used** : Python3.
- **Result** : Plots graph showing relations among actors in movie

## Civil construction website using Django

Jul - Oct (2017)

- a Web technology project

- **Description** :This website is building construction website. The idea is, if anyone purchases a new house which is in construction, the user is given a login, through which , user can go "live" and monitor the work being made.
- **This project was live from APRIL6-MAY20 2018 with domain [www.civil-geeks.com](http://www.civil-geeks.com).**
- **Framework used** : Django
- **Language used** : Python3
- **Result** : Enduser gets a login through which he can monitor his new house through live feed.

## Simple hack

Feb - Apr (2017)

-a Network project

- **Description** :This is a simple client-server architecture.Uses socket programming. Small ".exe" is made. If we inject that file into other systems and if that system is connected to server's network, then server can access client's system without client's knowledge.
- **Technology used** : Socket programming
- **Language used** : Python3
- **Result** : System which executes "server.py" file,will get access to systems which executes "client.py",provided , both server and client should be in same network.

**Projects at Github:** <https://www.github.com/udaynbausj>

## Accomplishments

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- Won a **silver medal** in hackerrank in "weekofcode" contest.
- Accomplished "**Cluster analysis in Data Mining**" in Coursera.
- Accomplished "**Cryptograpy1**" in Coursera.
- Communicated my paper "**MACHINE LEARNING TECHNIQUE FOR AUTOMATIC INTRUDER IDENTIFICATION AND ALERTING**" to "**CVIP 2018** (Computer vision and Image Processing)".*[waiting for approval]*.

## Competitive programming handles

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- "**UdayNbausj**" on Hackerrank,Codeforces,Hackerearth.

## Extra curricular activities

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- Core committee member of Health Club. Health club, is an NGO club, which helps needy and desperates.
- Was a member of Sahithi club, a Telugu literary association.