Yashit Maheshwary

My Website, **Blog**, **GitHub**, **LinkedIn**, **CodeChef**

Mobile:	**EMail:**	**DOB:**
+91 9650954383	yashitmaheshwary@gmail.com	3rd August, 1998

Experience

Current | Full Stack Web Developer at **MoyoSolutions**
Developed a Web Application for the CarzRideOn Android Application using **Django Web Framework**, **Google and Facebook OAuth**, **Google Maps and Places APIs**, **Firebase Cloud Messaging (For Notifications)** *configured with a* **MySQL Database**

Areas of Competence

- Computer Security
- Full Stack Web Development
- Data Structures and Algorithms
- Machine Learning
- Automation with Microprocessors (RaspberryPi & Arduino)
- Android App Development

Scholastics

2016 - Present | B.Tech 2nd Year in Computer Science and Engineering, **I.I.I.T.**, Delhi
Courses: Operating Systems, DBMS, Analysis and Design of Algorithms, D.S.A., Computer Organization, Advanced Programming Systems Management, Introduction to Python Programming, Introduction to Engineering Design

2015 - 2016 | High School, **Abu Dhabi Indian School**, U.A.E.
Majored in Computer Science (Programming with C++)
GPA: 9.42/10

Knowledge & Skills

Language Proficiency | Python, Java, C++, C, , JavaScript, PHP, HTML & CSS, Assembly, LaTeX, Shell Script, MySQL

Frameworks & Tools | Django, Flask, ReactJS, React Native, NodeJS, Android Studio, Bootstrap, Raspberry Pi, Arduino, IDA, Curl, PwnTools, BurpSuite, Firebase, JavaFX, Git, Requests, Beautiful Soup, Selenium (Web Scraping & Bruteforcing) etc.

Miscellaneous | Adobe Photoshop, Microsoft Office, Adobe After Effects

Projects

Jan 2018 | **Sentiment Analyser**
A Message Sentiment Analyser built using the Naive Bayes Classifier in Python.

Jan 2018 | **E-Commerce Platform**
A full fledged E-Commerce Website for Dresses. Backend completely built using the Django Web Framework in Python.

Dec 2017 | **Shell**
A Terminal built solely with C.

Nov 2017 | **Fitness Partner**
A Telegram Bot that allows users to find Partners for their Fitness Activities everyday! It also has additional features like Reminder and Fact Sharing.

Aug 2017	**ChatsUp**
	An Android Application that allows users to Chat (made using Google Firebase).
Aug 2017	**The Social Network**
	A Social Networking Website built using Django Web Framework
Jan 2017	**Homie Bot**
	A Personal Assistant Bot (Built using a Raspberry Pi) that can find missing items in a room just by Voice Commands. It can also update you with News, Weather, Send Mails etc.
Nov 2016	**Speech Recognition using Arduino**
	A device that allows a person to perform various tasks (like mathematical calculations, control light switches, keep a track of the temperature etc) just by voice commands.

Achievements

CURRENT	Co-Founder of **d4rkc0de**, the only Computer Security Club at IIIT Delhi.
	d4rkc0de loves to discuss and teach various concepts like Advanced Cryptography, Forensic Analysis, Reverse Engineering, Web Penetration Testing and Binary Analysis. We also participate in (and conduct) International Capture The Flag Competitions. d4rkc0de is currently ranked 1st in India and 87th Globally!
CURRENT	Leader of CTF Team **Scrypter**
	Leading Scrypter, a team of 3 passionate network security enthusiasts. A known competitors of Capture the Flag (CTF) Events. We are ranked 8th in India and 227th in the world.
NOV 2017	Finalist in the Globals Conference on CyberSpace CTF (Ranked 1st in India and 2nd Worldwide) as **Scrypter**
APR 2017	Ranked 2nd globally in YubitSec CTF as **Scrypter**
MAR 2017	Ranked 4th globally in Pragyan CTF as **Scrypter**
FEB 2017	Secured first position at the Capture the Flag Competition hosted during the Security and Privacy Symposium by **CERC** at IIIT Delhi.
OCT 2015	Represented U.A.E. in the CBSE Swimming Nationals Championship in Meerut.
OCT 2015	Secured Perfect Score in SAT Subject Tests (Physics, Chemistry & Mathematics).
APR 2015	Secretary of Robotics Club at Abu Dhabi Indian School.
OCT 2014	Represented U.A.E. in the CBSE Swimming Nationals Championship in Vadodara.
APR 2014	Winner of the Urban Biodiversity Challenge by **Environment Agency Abu Dhabi**

Interests and Hobbies

- Blogging
  *Here's the link to my **Blog***
- Freelance
  Freelancing in areas like Image Processing, Database Management and Web Scraping
- Upload Programming Tutorials on **YouTube**
  Python and Android Application Development Tutorials
- Answer Questions on **Quora**
- Swimming
- Table Tennis
- Solving various types of Rubik's Cubes
  11 *(unique types) and Counting!*