# Yashit Maheshwary

My Website, Blog, GitHub, LinkedIn, CodeChef

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

## Experience

| | |
|---|---|
| May,18 - Jul,18 | Cyber Security Intern at **BugsBounty** <br> *Acquired and implemented advanced Pen-Testing standards and techniques. Pen-Tested websites for SQL Injection, Cross Site Scripting, SSRF and various other OWASP top Web Vulnerabilities. Exploited machines from De-ICE and ACID Series in VulnHub. Patched various Web Vulnerabilities on local and live platforms.* |
| Dec,17 - Jul,18 | Software Development Intern at **MoyoSolutions** <br> *Developed the Web Application for* **CarzRideOn** *(A Car Pooling Service) using* **PHP**, **Google and Facebook OAuth**, **Google Maps and Places APIs**, **Firebase Cloud Messaging (For Notifications)** *configured with a* **MySQL Database**. *Also added Google OAuth to the CarzRideOn Android Application and fine tuned the application based on the updates made to the Database Schema.* |

## Areas of Competence (* :- In Active Focus)

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

## Scholastics

| | |
|---|---|
| 2016 - Present | B.Tech 3rd Year in Computer Science and Engineering, **I.I.I.T.**, Delhi <br> **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. <br> Majored in Computer Science (Programming with C++) <br> **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, NodeJS, Web3.js (Ethereum JS API), 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

| | |
|---|---|
| *Jul 2018* | **Crypto Cricket** <br> A collectible card trading platform based on the Ethereum Blockchain. Built using the Django Web Framework and Metamask. |
| *Jan 2018* | **Sentiment Analyser** <br> 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. |
| *Jan 2018* | **Image Clone Detector** |
| | A Python based Multithreaded Application that detects and discards similar files (based on a threshold) from a Database using Image Processing. It also monitors new uploads and pushes the data to the Database based on the uniqueness. |
| *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 $1^{st}$ in India and $87^{th}$ 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 $8^{th}$ in India and $227^{th}$ in the world.* |
| AUG 2018 | Ranked $9^{th}$ (in Asia) in the Global Cyberlympics CTF 2018 (Ranked 41$^{st}$ Globally) as **Scrypter** |
| NOV 2017 | Finalist in the Globals Conference on CyberSpace CTF (Ranked $1^{st}$ in India and $2^{nd}$ Worldwide) as **Scrypter** |
| APR 2017 | Ranked $2^{nd}$ globally in YubitSec CTF as **Scrypter** |
| MAR 2017 | Ranked $4^{th}$ 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. |
| JAN 2017 | Member of Software Development Club **Byld** 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** |
| Apr 2014 | 2nd Runners Up in Research Report on "Food Wastage" hosted 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!*