

Shubham Verma

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Education

- 2017 - Present **M.Tech in Computer Science and Engineering**, *International Institute of Information Technology - Hyderabad*, GPA: 8.0, *Hyderabad*.
- 2013 - 2017 **B.Tech in Computer Science and Engineering**, *Gurukula Kangri Vishwavidyalaya, Haridwar*, GPA: 8.1, *Haridwar*.
- 2012 - 2013 **Intermediate**, *The G.K. Wehlams College*, GPA: 8.5, *Moradabad*.
- 2010 - 2011 **High School**, *The G.K. Wehlams College*, GPA: 8.0, *Moradabad*.

Experience

- 10th June, 2016 – 23rd July, 2016 **Summer Intern**, *RWX Technologies, Roorkee*, Roorkee, Uttarakhand.
- Machine learning, Image Processing, Data Mining
 - June, 2016 - ISL (Indian Sign Language) gesture recognition
 - June, 2016 - Elephant Detection using HOG features
 - July, 2017 - Personality Trait Analysis
 - July, 2017 - Stock Market Interest Rate Estimation

Skills

- Programming Languages C, C++, Python, Matlab, MySQL, Java
- Web Technologies Node.js, MongoDB, HTML, CSS, Javascript
- Operating Systems Windows, Linux
- Areas of Interest Machine Learning, Networks, OS, Bitcoin and Blockchain

Projects

- [June, 2016] **IPA (Intelligent Password Assistant)**, *Python, NLP, Cryptography*.
A MEMORABLE PASSWORD GENERATOR USING NLP

- [November, 2017] **Implementation of URL shortening service**, *Node.js, MVC model, HTML, CSS, MongoDB, Javascript*.
Creating the shorten URL for the long url and tracking the number of hits using Chart.js
- [March, 2015] **Gnutella P2P Hybrid File Sharing**, *C++, Socket Programming, Client-Server Interaction using TCP/IP*.
SERVER-CLIENT FILE SHARING SYSTEM WITH CENTRAL SERVER
- [April, 2013] **File downloading server**, *Java, Socket Programming*.
Implemented a java based server and browser as a client to serve the file downloading requests
- [January, 2018] **Code Generator for a generalized interface**, *Java, Socket Programming, Reflections in Java, RPC*.
Implemented code generator for both client side and server side to support generalized RPC structure between a platform and application developer
- [January, 2018] **Goofy Coin Cryptocurrency**, *Python, Cryptography*.
Developed a cryptocurrency named Goofy coin that have append only shared ledge based on blockchain to support decentralized system and maintain anonymity

Awards

- **GATE - 2017 AIR 1599 (CS/IT)**, .
- **Special Mention @Megathon, IIIT-Hyderabad, October, 2017**.
Implemented memorable password generator using NLP in python
- **Got first rank in intermediate in International Mathematics Olympiad in class**, .
- **CodeVita2016 Qualifier**, .
- **Consistently got first rank in High School and Intermediate**, .
- **Organized Workshop**, .
KnowWeb (Web Development) in collaboration with CSI(Computer Society of India), chapter Haridwar
- **Volunteered in NSS Camp for 2 successive years**, .
- **Coordinator of various Technical and NonTechnical Events of our College's National Level Tech Fest Jnanagni**, .
- **Head Boy and Captain of school**, .