



## Yatin Kalra

Interest: Cyber Security, Graphic Designing, Management and Python

Email : yatinkalra@yahoo.com

Mobile : +91-8607079191

### Education

---

• <b>Vellore Institute of Technology</b>	Bhopal, India
<i>Bachelor of Technology; Computer Sciences and Engineering; CGPA 8.68</i>	<i>July 2018-</i>
• <b>D.A.V. Public School</b>	Faridabad, India
<i>High School Certificate; Percentage 78%</i>	<i>April 2017- May 2018</i>
• <b>D.A.V. Public School</b>	Faridabad, India
<i>Senior School Certificate; Percentage 93.1%</i>	<i>April 2015-May 2016</i>
• <b>University of Michigan</b>	Coursera
<i>Python Specialization, Python for Everybody</i>	<i>December 2019</i>
• <b>Google Digital Unlocked</b>	Google
<i>The Fundamentals of Digital Marketing</i>	<i>Febrary 2020</i>

### List of Publications

---

#### International Journals

1. **Yatin Kalra**, Saket Upadhyay, Dr. Pushpinder Singh Patheja, Advancements in Cyber Attacks and Security, International Journal of Innovative Technology and Exploring Engineering, 2020, Elsevier, <https://doi.org/10.35940/ijitee.D1678.029420>, ISSN: 2278-3075 .**Impact Factor: 5.544**

#### Medium – Online Publications

2. **Cyber Security: Now or Never**  
Published at: <https://medium.com/@yatinkalra/cyber-security-now-or-never-f1e4ee15a393>
3. **Firewall: Definition, Types and Working**  
Published at: <https://medium.com/@yatinkalra/firewall-definition-types-and-working-7882720db3f2>
4. **Encryption: What it is? Why it is? How it is?**  
Published at: <https://medium.com/@yatinkalra/encryption-what-it-is-why-it-is-how-it-is-534d77c21feb>
5. **Cyber Space: Is anyone safe here?**  
Published at: <https://medium.com/@yatinkalra/cyber-space-is-anyone-safe-here-15b84696daeb>

## Experience

---

- **The Sparks Foundation** Singapore  
*Human Resource and Graphic Design Intern* May 2019 – July 2019
- **Geeks for Geeks** Noida, India  
*Technical Design Intern* 1 August – 31 August 2020

## Technical Projects

---

- **CryptoSecure:** A Secured way to encrypt the normal text and any kind of file format using the concepts of License Key and Cryptographic Keys
- **A aid for Visually Impaired Persons:** Capturing the object nearby the person and delivering the list of object in left to right order on Audio Basis.
- **Research Projects-I:** LSB Steganography using mathematical patterns

## Invited Talks

---

- **Resource Person: The Sparks Foundation, Powerpoint Expert :** One Hour Lecture on Microsoft Powerpoint to enhance the presentation skills for the peers of the company.
- **Resource Person, International Conference on Cyber Welfare and Security, Cyber War :** Delivered a short personal view on the topic CYBER WAR

## Certificates

---

- **Metasploit :** Cybrary; Certificate Number: C-af3d21f04e-5e31d25
- **Malware Threats :** Cybrary; Certificate Number: C-af3d21f04e16d03e67a
- **Linux System Admin :** Udemy; Certificate Number: UC-YNVNTU4I
- **Social Engineering : END USER :** Cybrary; Certificate Number: SC-af3d21f04e-bc4046
- **Kali Linux Fundamentals :** Cybrary; Certificate Number: C-af3d21f04e53bf3c50e
- **All India Rank – 2 :** National Science Concours; Presentation Video titled “Life On Mars”

## Appreciations

---

- **Hudgin :** NASA; For Presentation Video “Life On Mars”
- **MM Pant:** Internationally Renowned Expert for Technology; For Presentation Video “Life On Mars”
- **CL ROY :** ISRO; For Presentation Video “Life On Mars”

## Tools

---

- Metasploit
- SeToolKit
- Autopsy
- Wireshark
- Advanced IP Scanner
- Microsoft Powerpoint

## Programming Skills

---

- Python
- Java
- C
- SQL
- C Plus Plus

## References

---

- **Dr. Raju Shanmugam**  
Dean, School of Computing Sciences and Engineering  
Vellore Institute of Technology  
Bhopal Campus  
Mobile Number: +91 8838340815  
Email: [dr.sraju@yahoo.com](mailto:dr.sraju@yahoo.com)
- **Parul Verma**  
Human Resources Lead  
The Sparks Foundation  
Singapore  
+65-8405-8590  
Email: [info@thesparksfoundation.sg](mailto:info@thesparksfoundation.sg)
- **Pranav Dubey**  
Managing Director  
The Sparks Foundation  
Singapore  
+65-8405-8590  
Email: [info@thesparksfoundation.sg](mailto:info@thesparksfoundation.sg)
- **Jon Rhodes**  
Senior Human Resource Manager  
GeeksforGeeks  
A unit of 'SanchhayaEducation Pvt. Ltd.'  
6th Floor, Royal Kapsons, A 118, Sector 136, Noida, UP (201301)  
[www.geeksforgeeks.org](http://www.geeksforgeeks.org)