



Yatin Kalra

Interest: Cyber Security, Safe Computing and Python

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Education

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| <ul style="list-style-type: none">• Vellore Institute of Technology
<i>Bachelor of Technology; Computer Sciences and Engineering; CGPA 8.68</i>• D.A.V. Public School
<i>High School Certificate; Percentage 78%</i>• D.A.V. Public School
<i>Senior School Certificate; Percentage 93.1%</i>• University of Michigan
<i>Python Specialization, Python for Everybody</i>• Google Digital Unlocked
<i>The Fundamentals of Digital Marketing</i> | <p>Bhopal, India
July 2018-</p> <p>Faridabad, India
April 2017- May 2018</p> <p>Faridabad, India
April 2015-May 2016</p> <p>Coursera
December 2019</p> <p>Google
Febraury 2020</p> |
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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>

6. **10 Steps to Cyber Security**

Published at: <https://medium.com/@yatinkalra/10-steps-to-cyber-security-80179401c889>

7. **Cyber Attacks and Corona Virus : A Pandemic**

Published at: <https://medium.com/@yatinkalra/cyber-attacks-and-corona-virus-a-pandemic-d826d555bb24>

Experience

SysTools Software Pvt. Ltd.

Pune, India

March 2020 – May 2020

• Security Consultant and Security Associate Intern

The Sparks Foundation

Singapore

May 2019 – July 2019

• Human Resource and Graphic Design Intern

Geeks for Geeks

Noida, India

August 2019 – August 2019

• Technical Design Intern

Technical Projects

- **PyPort:** A python based tool to scan open ports in system. Link: <https://github.com/yatinkalra/pyport>
- **CryptoSecure:** A Secured way to encrypt the normal text and any kind of file format using the concepts of License Key and Cryptographic Keys. Link: <https://drive.google.com/drive/folders/1SCLzyAoOrytrDt7Oxjt98OD5SdprOiN5?usp=sharing>
- **An 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. Link: https://drive.google.com/drive/folders/1sn96XkxidYczSShgg2p_fZSPcz8r-ui0?usp=sharing
- **Research Projects-I:** Evolution of Cyber Attacks and Security
- **Research Projects-II:** Block Chain

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

- **Usable Security :** Coursera; Certificate Number: VDQ6888T26KT
- **Google Go Programming :** Coursera; Certificate Number: QSSKNEHX5F2P
- **Autopsy :** Basic Technology
- **Network Security Associate :** Fortinet; Certificate Number: sk4G4Chw2j

- **Introduction to Cyber Security** : SimpliLearn, NASSCOM; Certificate Number: 1746702
- **CISCO Networking Fundamentals** : Udemy; Certificate Number: UC-QPKIC0F4
- **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

Event Organized

- **Organizer:** Webinar on OpenShift by School of Computing Sciences and Engineering with RedHat.
- **Organizer:** HackCoVIT '20, Online Hackathon by Vellore Institute of Technology
- **Designer:** Smart India Hackathon by

Achievements

- **All India Rank – 2** : National Science Concours; Presentation Video “Life On Mars”
- **Overall Rank – 16** : Hacker Earth; Cipher Combat 2.0 – A CyberSecurity CTF Challenge

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
- Google Go
- Java
- C
- MySQL

References

- **Dr. Raju Shanmugam**
Dean, School of Computing Sciences and Engineering
Vellore Institute of Technology
Bhopal Campus
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Email: dr.sraju@yahoo.com
- **Parul Verma**
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- **Jon Rhodes**
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