

Shivanshu Singh

THIRD YEAR UNDERGRADUATE · MECHANICAL ENGINEERING

Indian Institute of Technology, Kanpur

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Education

Indian Institute of Technology, Kanpur

B. TECH. IN MECHANICAL ENGINEERING

- CPI: 8.6

Kanpur, India

2014 - PRESENT

Achievements

- 2014 **Finalist**, DEFCON 22nd CTF Hacking Competition World Final
- 2013 **Finalist**, DEFCON 21st CTF Hacking Competition World Final
- 2011 **Finalist**, DEFCON 19th CTF Hacking Competition World Final
- 2012 **6th Place**, SECUINSIDE Hacking Competition World Final

Las Vegas, U.S.A

Las Vegas, U.S.A

Las Vegas, U.S.A

Seoul, S.Korea

Skills

Finalist DEFCON 22nd CTF Hacking Competition World Final

Finalist DEFCON 21st CTF Hacking Competition World Final

Operating Systems DEFCON 19th CTF Hacking Competition World Final

6th Place SECUINSIDE Hacking Competition World Final

Projects

PLAT Corp.

CO-FOUNDER & SOFTWARE ENGINEER

- Implemented RESTful API server for car rental booking application(CARPLAT in Google Play).
- Developed the Payments module which connected to major PG(Payment Gateway) companies in Korea.

Seoul, S.Korea

Jan. 2016 - PRESENT

R.O.K Cyber Command, MND

SOFTWARE ENGINEER & SECURITY RESEARCHER (COMPULSORY MILITARY SERVICE)

- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.
- Implemented a distributed web stress test tool with high anonymity.
- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.

Seoul, S.Korea

Aug. 2014 - Apr. 2016

Extracurricular Activity

PoApper (Developers' Network of POSTECH)

CORE MEMBER & PRESIDENT AT 2013

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

Pohang, S.Korea

Jun. 2010 - PRESENT

PLUS (Laboratory for UNIX Security in POSTECH)

MEMBER

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.

Pohang, S.Korea

Sep. 2010 - Oct. 2011

Courses

Data Structure and algorithms
Course C
Courghvvhb
hgytf

Computer Systems and Security
Course D*
gvhbjn
jhgf

Miscellaneous

- jhgfrdeswdefghjkjhgfdfgbh
- bhgfcdrdgshcnvbfgreyhdcjnbdgfrehdjcb g