

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: 8.3

Kanpur, India

2014 - PRESENT

Achievements

2016 **Best Tech App**, Google Developer Group, IIT Kanpur

Kanpur, India

2014 **Top 97.09 percentile**, JEE-Advanced

India

Skills

Programming C/C++, Python, Java, JavaScript

Operating Systems Arch Linux, Kali Linux, Ubuntu, Windows

Software and Utilities Linux shell utilities, MatLab, Android Studio, Vim, Git, Inventor, \LaTeX

Projects

Cultural Affairs Council Website

CULTURAL COUNCIL, IIT KANPUR

IIT Kanpur

Sep. 2016 - PRESENT

- 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.

hashtag, Android App

HACKATHON, E-CELL, IIT KANPUR

IIT Kanpur

Oct. 2016

- 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.

Extracurricular Activity

Web Executive

CORE TEAM MEMBER, CULTURAL COUNCIL, IIT KANPUR

IIT Kanpur

Sep. 2016 - PRESENT

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

Courses

Data Structure and Algorithms
Computer Systems Security*
Applied Game Theory
Introduction to Logic

Fundamental of Computing
Digital Switching
Machine Learning
Robot Motion Planning

Miscellaneous

- Blog about linux, programming in general at r4ndombits.me