

Udit Raikwar

CONTACT INFORMATION

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SKILLS

Languages: C, C++
Scripting: Python
Tools: Wireshark
Libraries: OpenCV
Version Control System: Git
Environment: Linux(Ubuntu, Debian), Windows

EDUCATION

Jabalpur Engineering College, Jabalpur

- Bachelor of Engineering, May 2017
- CGPA: 7.66

Kendriya Vidyalaya COD, Jabalpur

- Senior Secondary, May 2013
- Aggregate: 79.40%

Burhanpur Public School, Burhanpur

- High School, May 2011
- CGPA: 8.8

INTERNSHIP

Google Summer of Code

Software Developer Intern at Debian

(Apr 2016 - Aug 2016)

- Improve logging (log symbolic error names instead of numeric error number values).
- Enable TLS SNI support for client and server connection.
- Enable the client to send the SNI name in outgoing TLS connections to other servers.
- Detect if incoming connection request a specific hostname using SNI and reply with the appropriate server certificate.
- Worked on C, C++, Python, Git, Wireshark etc.

PROJECTS

Operate mouse with finger gestures

- Created a project to operate mouse and played snooker with the help of index finger gestures using OpenCV C++ API.
- Link: [github](#), [youtube](#)

Hand gesture recognition program

- Created a hand gesture recognition program using OpenCV with C++ API.
- Link: [github](#), [youtube](#)

Ball tracking and prediction

- Created a ball tracking and prediction program using OpenCV with C++ API that can be use in cricket for viewing ball's original path i.e. without deviation.
- Link: [youtube](#)

Keyboard pattern tracker

- Track graphically the keys pressed on keyboard using OpenCV with C++ API.
- Link: [github](#), [youtube](#)

Found security leak in WeChat messaging app

- Found security leak in WeChat, using which anyone can logged in to other's account and redeem their balance for their personal use without taking any permission of actual user.
- Link: [github](#)

Customized shortcut keys

- Made a program to capture pressed keys and perform task associated with that keys.
- Link: [github](#), [youtube](#)

INTEREST

Software Development
Open Source
Automation, Gesture recognition

PROFILE LINKS

[Github](#), [Quora](#), [YouTube](#), [FreeCodeCamp](#), [StackOverflow](#), [CodeChef](#)