Udit Raikwar

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INFORMATION Ambedkar Ward, Ranjhi, Jabalpur, Email: [udit043.ur@gmail.com](mailto:udit043.ur@gmail.com)

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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](https://goo.gl/CGJzJg), [youtube](https://youtu.be/i4HqZAH_TZU)

**Hand gesture recognition program**

➢ Created a hand gesture recognition program using OpenCV with C++ API.

➢ Link: [github](https://goo.gl/iUzNAE), [youtube](https://youtu.be/H9diqywK6NY)

**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](https://youtu.be/IFYWzrrUrL4)

**Keyboard pattern tracker**

➢ Track graphically the keys pressed on keyboard using OpenCV with C++ API.

➢ Link: [github](https://goo.gl/QLNfEh), [youtube](https://youtu.be/_M0BfcSoQcg)

**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](https://goo.gl/zLX33h)

**Customized shortcut keys**

➢ Made a program to capture pressed keys and perform task associated with that keys. ➢ Link: [github](https://goo.gl/LbAVPf), [youtube](https://youtu.be/xXnfW_pzV-c)

INTEREST Software Development

Open Source

Automation, Gesture recognition

PROFILE LINKS [Github](https://goo.gl/LT4CJT), [Quora](https://goo.gl/2bNEJR), [YouTube](https://goo.gl/mCHuSu), [FreeCodeCamp](https://goo.gl/B3HjHZ), [StackOverflow](https://goo.gl/JW5iRL), [CodeChef](https://goo.gl/U9p68f)