

# Udit Raikwar

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## CONTACT INFORMATION

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## SKILLS

Languages: C, C++, HTML, CSS  
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](#)

### **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  
Competitive Programming  
Automation, Gesture recognition

## PROFILE LINKS

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