Udit Raikwar

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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

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

INTEREST

Software Development
Open Source
Competitive Programming
Automation, Gesture recognition

PROGRAMMING LANGUAGES

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

PROFILE LINKS

Github, Quora, YouTube, FreeCodeCamp, StackOverflow, CodeChef