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EDITORIAL

Eight Ways to Improve Your Interpersonal Skills

Interpersonal skills are the life skills we use every day to communicate and interact with other people, individually and in groups. It includes not only how we communicate with others, but also our confidence and our ability to listen and understand.

People with strong interpersonal skills are usually more successful in both their professional and personal lives. Here, you can find out how to develop specific interpersonal skills including:

Learn to Listen

Listening is not the same as hearing. Take time to listen carefully to what others are saying through both their verbal and non-verbal communication.

Choose Your Words

Be aware of the words you are using when talking to others. Practice clarity and learn to seek feedback to ensure your message has been understood.

Clarify

Show an interest in the people you talk to. Ask questions and seek clarification on any points that could be easily misunderstood.

Empathize

Understand that other people may have different points of view. Try to see things from their perspective. You may learn something while you gain the respect and trust of others.

Be Positive

Try to remain positive and cheerful. People are much more likely to be drawn to you if you can maintain a positive attitude.

Understand Stress

Learn to recognize, manage and reduce stress in others and yourself. Although stress is not always bad it can have a detrimental effect on the communication process.

Learn to be Assertive

You should aim to be neither passive nor aggressive. Being assertive is about expressing your feelings and beliefs in a way that others can understand and respect. Assertiveness is fundamental to successful negotiation.

Reflect and Improve

Think about previous conversations and other interpersonal interactions; learn from your mistakes and successes.

- K. Suma & Dipali Pattanayak
Asst. Prof, Dept. of CSE

Tactus Technology

What if buttons could morph out of the surface of your device? Tactus Technology has developed a new tactile user interface for touch screen, physical buttons that rise up from the surface on demand and then recede back into the screen, leaving a perfectly flat, transparent surface when gone.



Tactile Layer touch screen features:

- Replaces window and sits on top of the existing touch screen
 - Works with existing touch sensing and display technologies
 - Minimal power consumption
- Size is scalable (mobile-phone screen to TV screen)
- Button layouts, shapes, location and sizes can be customized.

- **T.Avinash Kumar**
(1/4 CSE-A)

Key lime pie-Android 5.0

On May 2013, during the Google IO event, Google is expected to release the next iteration of Android.

Some features likely are:

1. Guest Mode:

Android 5.0 is rumored to have a guest mode which allows access to some parts of the device from the lock screen to an unknown guest.

2. Shutter Speed Control:

The Shutter Speed Control Android 5.0 will be better than lumia 920.

3. Social Network Enhancements:

Social networking apps are deeply integrated into the OS.



4. Video Chat:

Hangout will probably be the best option for video chat.

5. UpCasting:

A choice between keeping yourself on the current version and upgrading to another shouldn't be on force.

6. SMS Clouding Storage:

SMS es can be stored in the cloud and can be given reply via any device using Gmail account.

- **B.Sai Srujan**
(1/4 CSE-B)

Shotwell developers aim to solve Linux's e-mail problems

The developers behind the Shotwell photo manager for Linux-based operating systems are setting their sights on a weak spot of the Linux desktop: e-mail.

Yorba, the creator of Shotwell, has turned to crowd-funding site Indiegogo in an attempt to raise \$100,000 toward the e-mail client, named 'Geary.' After two days, Yorba has raised about \$8,000.



Geary has been under development since 2011, but Yorba is hoping to take it up a few notches. An extremely early version of Geary is available now.

It is designed to integrate with GNOME desktops, running on Debian, Fedora, Ubuntu, and other Linux distributions.

- Swaraj Kolipaka
(2/4 CSE-A)

Intel's Multi-Screen flexibility with 'Display As A Service'

Intel showed off display as a service (DAAS) at CeBIT, which lets any device use any display on a network. That means one display, such as a tablet in this case, can extend another, such as the projector.

To work, though, displays need IP (Internet Protocol) addresses, because the image data is sent over a wired or wireless network.



Also at CeBIT, Intel showed off prototype windows 8 laptop built with its upcoming fourth-generation Core processor, called Haswell with better graphics performance and somewhat better processing power.

"We're going to be introducing the 14-nanometer technology at the end of this year and start ramping it next year," said Christian Morales, general manager of Intel's operations in Europe,

Intel's prototype laptop using a fourth-generation Core processor, aka Haswell, shown at CeBIT.

- Vinod Kumar
(2/4 CSE-B)

Firefox OS based Smart Watch

Chinese gadget manufacturer Shanda is reportedly working on a smart watch, along the lines of the Pebble or the oft-rumored Apple iWatch. There's a chance that the company will produce two variants, one of which will run Firefox OS.

Like the Pebble, it's thought that the Bambook watch will feature an E Ink display. The renders above show it in full color, and that might be a possibility.



Shanda has previously built e-readers using Mirasol's full-color, daylight-readable displays. Couple an efficient display with an equally efficient OS — Firefox OS doesn't demand much in terms of hardware — and the company may have a winning formula for a smart watch on its hands. Even if it has an OLED display on board, the Bambook should be able to handle a couple days of heavy use.

Shanda's watch should be up for sale in June, and it'll sell for just over \$100.

- Mounica Gupta .T
(3/4 CSE-A)

Intelligent Infrastructure for Health Care

Key Features of Intelligent Healthcare Systems:

- Information can be obtained anytime, anywhere.
- Patient records are a click or touch away.
- Files don't get lost.
- Prescriptions are accurate and automatically updated.
- Doctors shouldn't have to know everything; they should just know where to find it.
- Identifying patients with specific medication or diagnosis.
- System itself suggests recommended procedures.
- Patients take their medications home with them.
- No handwriting, no voicemails, no mistakes.
- The System ensures claims are complete.
- Patients fill out the form once.
- They get connected directly with the nursing home admissions.
- Doctors get payee for performance incentives

- Ananya Mukherjee
(3/4 CSE-B)

Chrome OS was hacked at Pwning 2013

Reports out of Vancouver from the Pwn2Own/Pwnium hacking contests indicated that Chrome OS came out unscattered, but it turns out that wasn't the whole truth. One attacker did manage to successfully exploit Google's browser-centric OS, he just didn't manage to do it reliably. Hacker PinkiePie demonstrated the attack. He's the same fellow that took down the Chrome browser at last year's event and took home a cool \$60,000. This time around his payout was quite a bit less — but \$40,000 is still a pretty decent payday. His attack targeted Chrome OS's graphics subsystem and resulted in Google creating two separate bugs. Both involve over flows - one in the GPU process and the other in the Intel i915 graphics driver.



You'll only see the ominous 403 forbidden error if you try to check out PinkiePie's bugs. As Linux blogger Sean Michael Kerner points out, it's possible that this Chrome OS exploit could affect other Linux-based OSes.

As Linux blogger Sean Michael Kerner points out, it's possible that this Chrome OS exploit could affect other Linux-based OSes.

The flaw is in ScratchPad, a Chrome app that allows users to compose text files and then save them to Google Docs.

Through it, the attacker can gain access to a person's e-mail, contacts, and Google Docs and Voice accounts. Give Google some credit here though, the two redarchers working on this - Matt Johanson and Kyle Osborn — said they spent months looking for a hole, and must have only found one now.



To their credit, Johanson and Osborn have informed Google of the flaw and said that it and some other flaws had been addressed, but that some issues do remain. Chrome OS does remain one of the most secure platforms, thanks to Google's work in ensuring holes are closed.

White Hat's work came actually as a result of a Google query to the firm on finding security flaws within Chrome OS. The ScratchPad bug was one of those found as a result. The two researchers also said they continue to look for issues, but are treating it more like they would a mobile phone.

- M. AMRITA

(4/4 CSE -A)

Google Glass

Google Glass is a wearable computer with a Head-Mount-Display (HMD) that is being developed by Google. Google Glass displays information in a smartphone-like hands-free format, that can interact with the Internet via natural language voice commands.



While the frames do not currently have lenses fitted to them, Google is considering partnering with sunglass retailers such as Ray-Ban.

The Explorer Edition cannot be used by people who wear prescription glasses, but Google has confirmed that Glass will eventually work with frames and lenses that match the wearer's prescription; the glasses will be modular and therefore possibly attachable to normal prescription glasses.

Glass is being developed by Google X lab which has worked on other futuristic technologies such as driverless car a project manager and "geolocation specialist"; and Sebastian Thrun and Thad Starner an AR expert, is a technical lead/manager on the project.

**- N. NIRANJAN
(4/4 CSE B)**

TECHGYAN TEAM

Student coordinators :

Technical-Editors

Mounica .T(3/4 CSE -A) Jagadish (3/4 CSE B)
Sanjana .P (2/4 CSE A) Sriharsha .S (2/4 CSE B)

Faculty Coordinators :

K. Suma , Dipali Pattanayak

Send your articles to :
techgyanvce@gmail.com