COMP210: Interfaces & Interaction

1: Human-Centred Design for AR/VR

Virtual and Augmented Reality Overview:

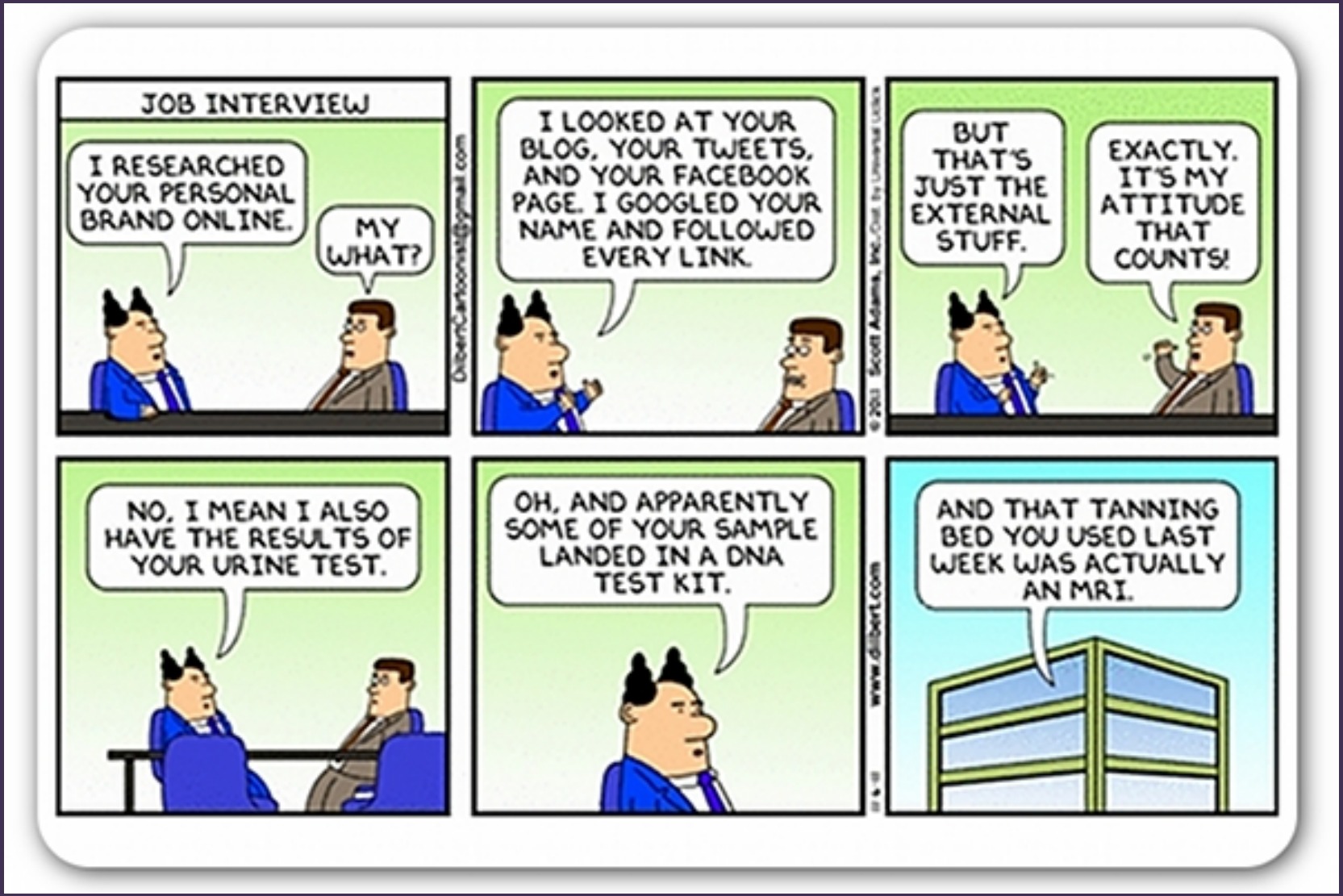
Learning Outcomes:

Explain the difference between augmented & virtual reality.

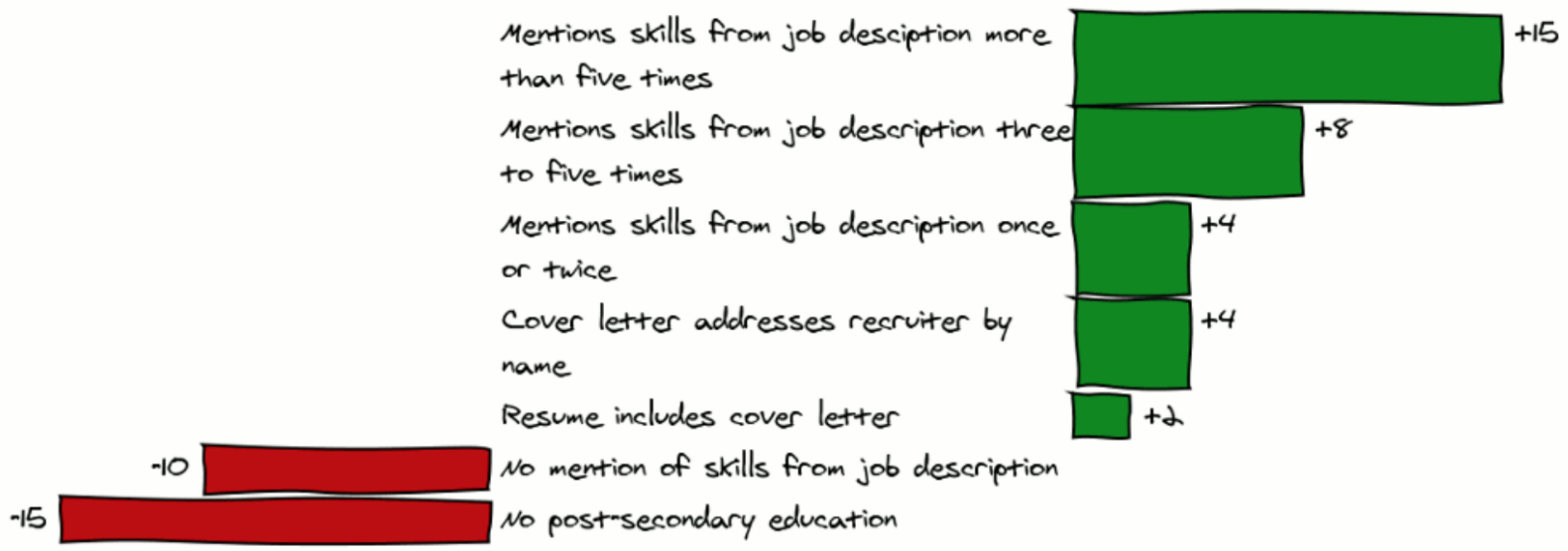
Discuss the various forms of haptic feedback.

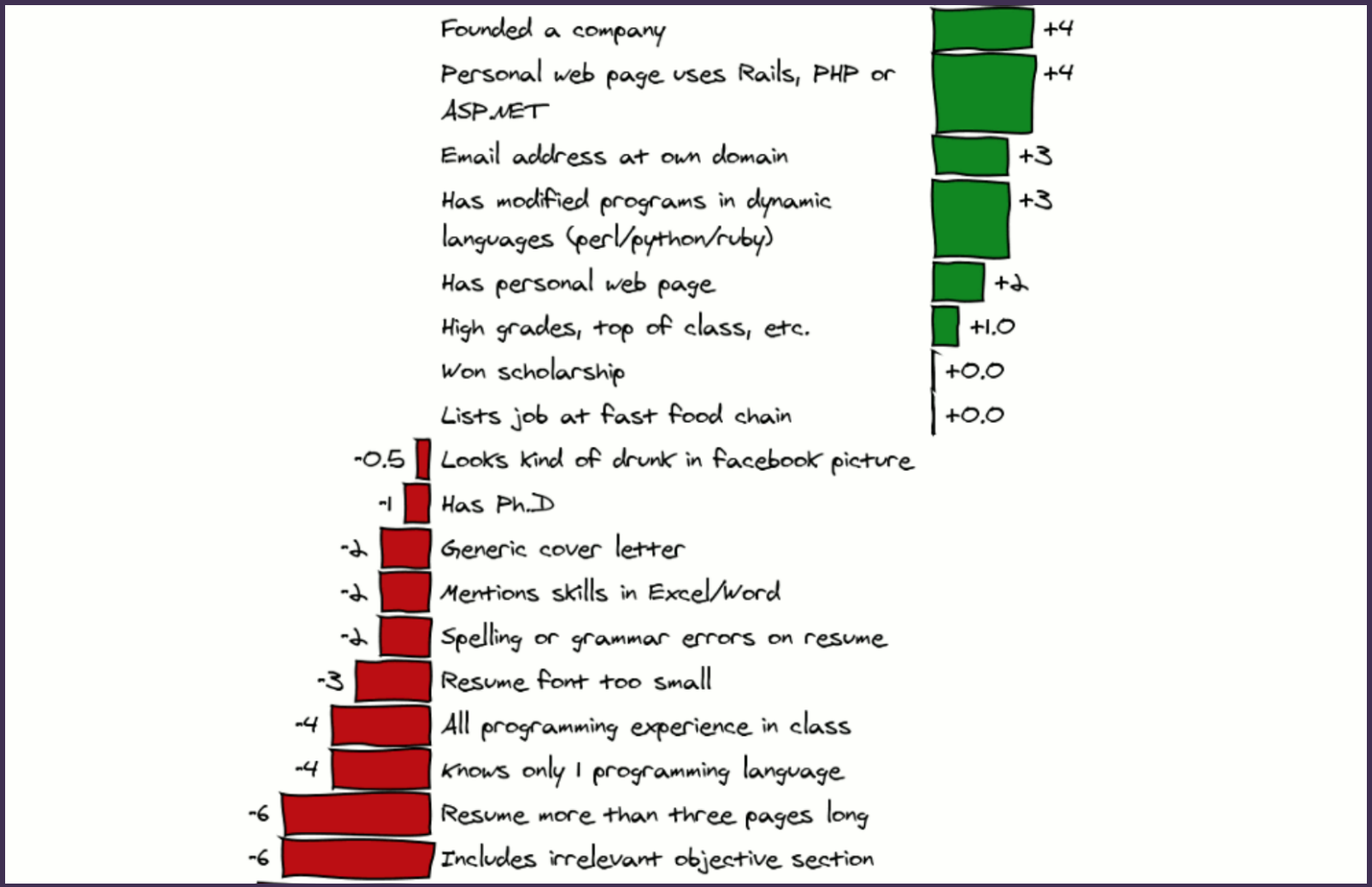
List and **describe** the key components that make up the hardware side of reality systems.

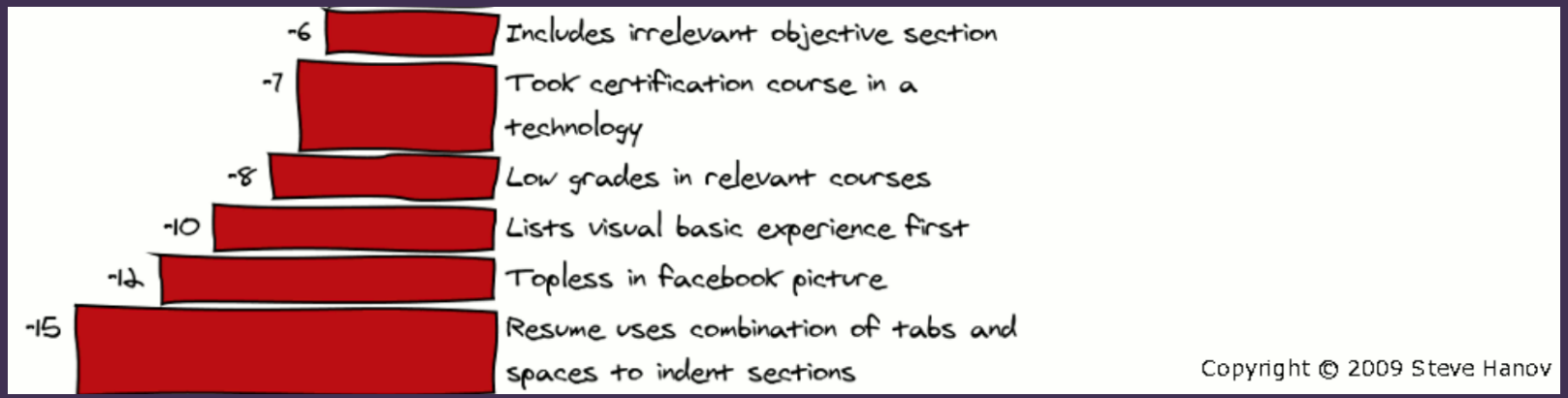
Personal Brand



How the HR department reads your resume




Founded a company +4
Personal web page uses Rails, PHP or ASP.NET +4
Email address at own domain +3
Has modified programs in dynamic languages (perl/python/ruby) +3
Has personal web page +2
High grades, top of class, etc. +1.0
Won scholarship +0.0
Lists job at fast food chain +0.0
-0.5 Looks kind of drunk in facebook picture
-1 Has Ph.D
-2 Generic cover letter
-2 Mentions skills in Excel/Word
-2 Spelling or grammar errors on resume
-3 Resume font too small
-4 All programming experience in class
-4 Knows only 1 programming language
-6 Resume more than three pages long
-6 Includes irrelevant objective section


-6
Includes irrelevant objective section
-7
Took certification course in a technology
-8
Low grades in relevant courses
-10
Lists visual basic experience first
-12
Topless in facebook picture
-15
Resume uses combination of tabs and spaces to indent sections
Copyright © 2009 Steve Hanov

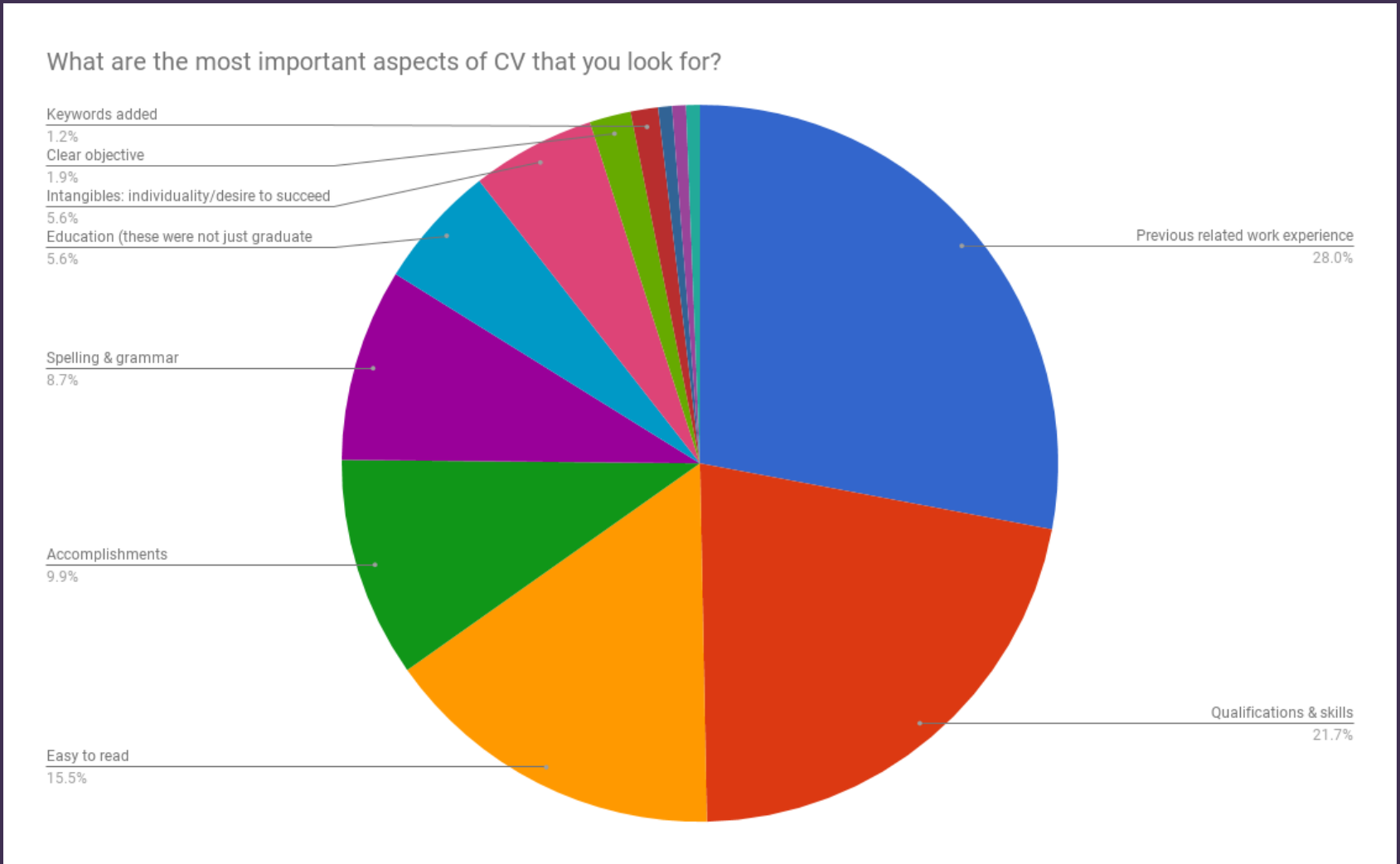
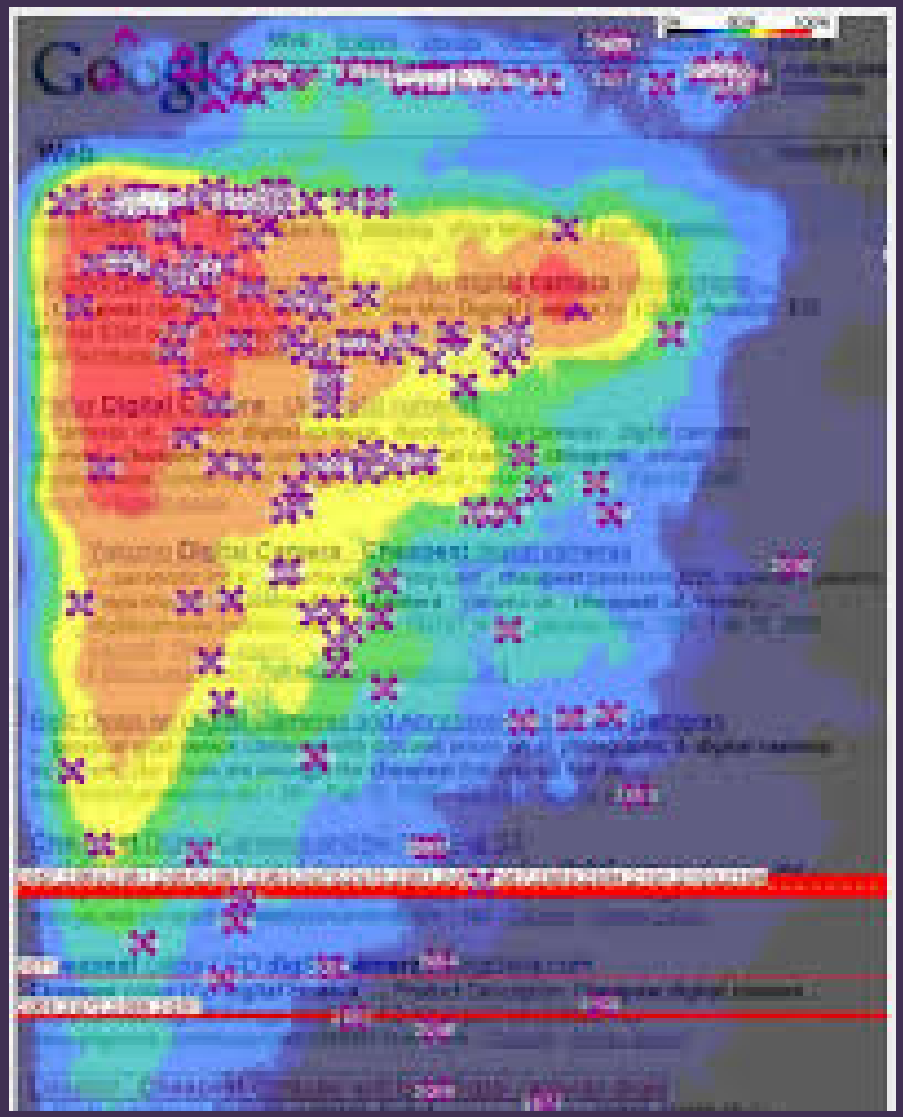


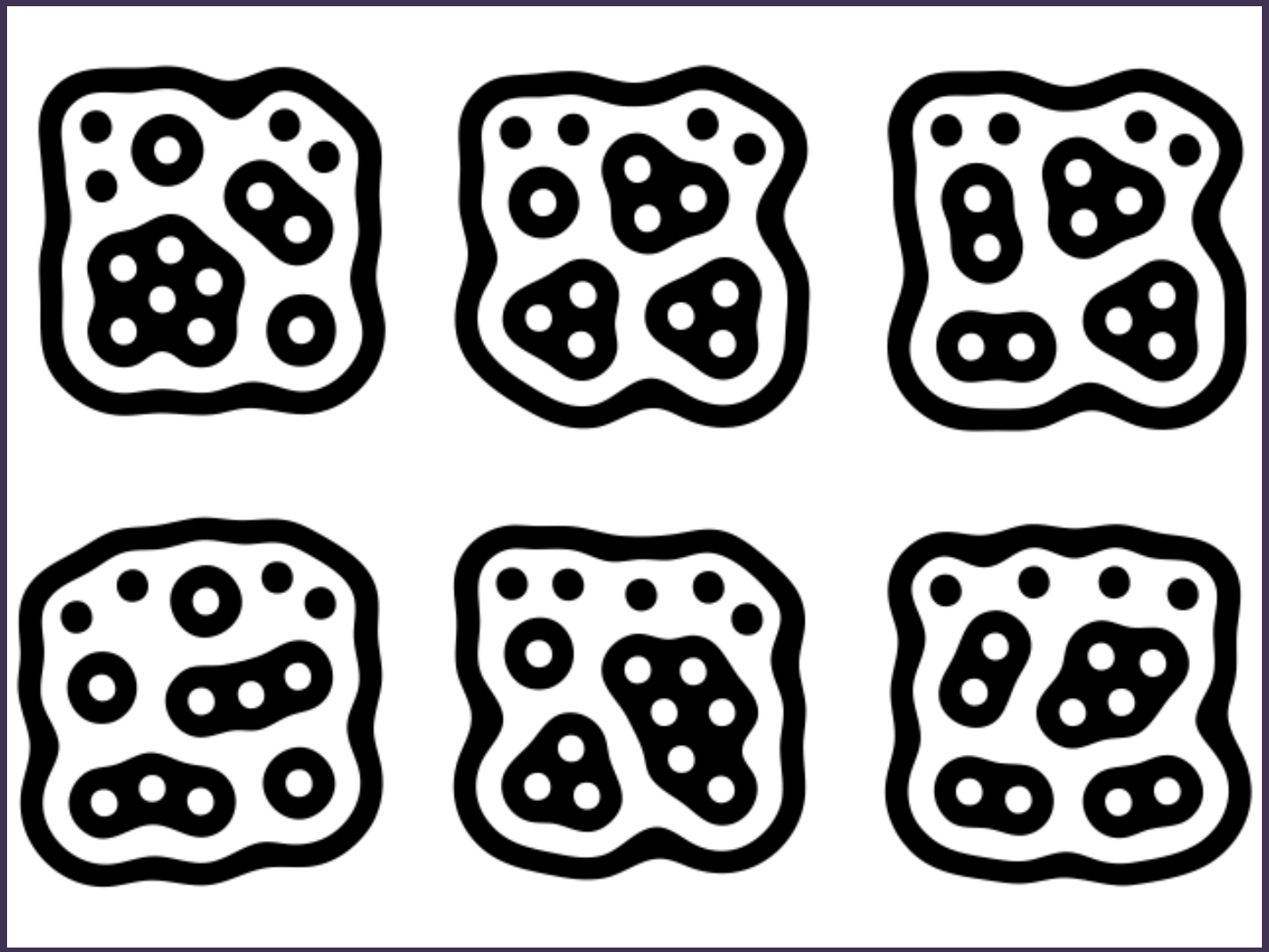
Figure: 2010 Employers Survey

source



source

No One Size Fits All



When?

When?

fluid document

When?

fluid document Grows with you

When?

fluid document Grows with you Becomes more tailored to you career

When?

fluid document Grows with you Becomes more tailored to you career More you!

Personal Details

Name (Obviously)

Address

Telephone Numbers

Email

Website Address (Portfolio)

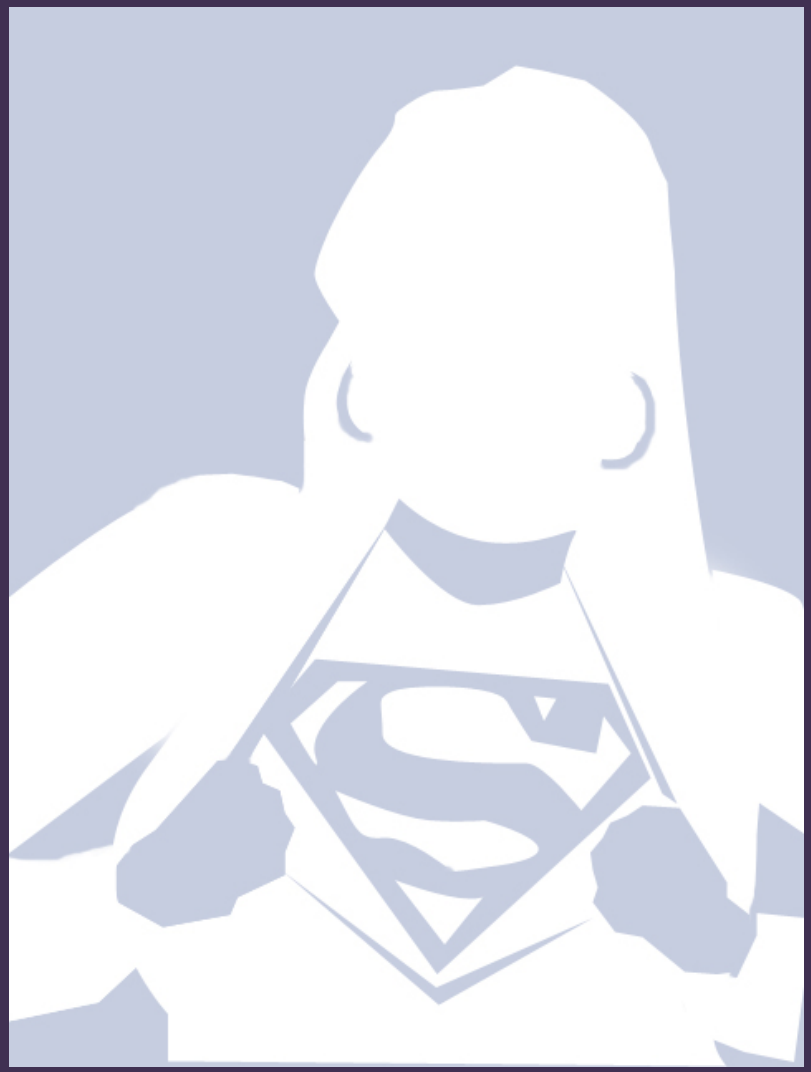
Personal Details

- Name (Obviously)
- Address
- Telephone Numbers
- Email
- Website Address (Portfolio)

You are not required to provide any further information.

- Age
- Gender
- Nationality
- ...

No Rockstar Profile Pic



No Rockstar Email

Profile (optional)

~~Optional~~ Encouraged

Three to four lines length

STRESSFUL - Important to get right

Omit if unsure

Qualifications

- Reverse chronological order
- Current course listed at top
- Provide more info for most recent/relevant qualifications - it is helpful to name the various modules of your degree.

Additional relevant information about your degree may be included in this section, elsewhere in your CV or in your accompanying email or letter. This could include details of modules studied to emphasise the nature of your degree, the subject of your dissertation to show a particular area of interest, or details of live projects to demonstrate commercial experience. (Creative CV Guide - Jan Cole)

September 2014 -September 2015 MSc in Computer Science, University of Kent.
Modules included:

- Structured Programming 66%
- Software Engineering (Including Object Oriented Theory) 59%
- Networks and Communication Systems 63%
- Information Systems and Database Technology 71%
- Systems Architecture 58%
- Expert Systems 64%
- HCI and Computer Graphics. 65%
- Operating Systems 66%
- Embedded Systems 52%
- Bioinformatics 71%
- Parallel computing 69%

Experience

- Start and end dates
- Name of organisation
- Position or role
- Brief outline of responsibilities & achievements (try not to repeat yourself!)
- RC order!

Skills

- Group skills into appropriate categories (Computer Skills, Communication Skills, Project management...)
- Keep them relevant
- Brief outline of responsibilities & achievements (try not to repeat yourself!)
- RC order!

TECHNICAL SKILLS (Example)

SECURITY: McAfee SIEM/EPO/NSM, FireEye CMS/ETP, SecureWorks, IDS/IPS, Sumo Logic cloud-based log management, SSL certificate configuration and management, Juniper NetScreen/Palo Alto Networks firewall

REVERSE ENGINEERING: Ollydbg, WinBdg, GBD, IDA Pro, PEiD, malware sandbox

NETWORKING: Wireshark/TCPView packet analysis, DNS servers, mail server

OPERATING SYSTEMS: Windows XP, Vista, 7, 8; Windows Server 2003, 2008, 2012; Linux including CentOS, Ubuntu, Arch, Debian, BackTrack, and Kali

Other

Training & short courses (Those that do not constitute a qualification)

Addition information

Other

- Training & short courses (Those that do not constitute a qualification)
- Addition information
  - scholarships, sponsorship, awards, responsibilities, competitions, other languages, public speaking, teaching experience...
- Interests & activities
  - These must be relevant to the career opportunity.

To Ref or Not To Ref?

Should you include references?

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Should you include references?
if you are sending out CVs unsolicited just include the phrase `references available on request' somewhere in the document.

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if you are sending out CVs unsolicited just include the phrase `references available on request' somewhere in the document.
If the CV has been requested then the employer will probably ask you to include two references.

ACTION WORDS

Planned Devised
Achieved
Developed
Liaised (spell it right!) Evaluated
Supervised
Co-ordinated
Managed
Administered
Controlled
Selected

Designed
Researched
Analysed
Discovered
Recommended
Tested
Diagnosed
Budgeted
Monitored
Evaluated

Selected Trained
Taught Explained
Presented
Conducted
Distributed
Organised
Solved
Represented
Persuaded
Calculated

SOURCE

Check Lists

Content:

- ☐ Ensure your profile clearly shows that you have the key qualities for the job.
- ☐ Present the information clearly and concisely.
- ☐ Place sections that contain your strongest qualities before less impressive information.
- ☐ Write your CV in the third person. Avoid using ?I? or referring to yourself by name.
- ☐ Check that you have not repeated information or included anything that is not relevant.
- ☐ Use correct industry terminology

FALMOUTH UNIVERSITY

Check Lists

Presentationt:

- ☐ Scrutinise your CV for spacing and layout inconsistencies.
- ☐ Choose a clear, attractive format that is appropriate for the organisation.
- ☐ Ensure the balance between text, images and white space are pleasing to the eye.
- ☐ Give careful consideration to the style, size and colour of font.
- ☐ If your CV is multiple pages, ensure there is consistency between them.

Source - Creative CV Guide - Jan Cole

Your turn!

Further Learning