

- · Kits thinks (ultural Wariness over automation & sobotization is unnecessary (fic?) because "the future is already here"
 - · Pishwashers didn't take our lobs.
 - · AutoPilot fritemi keel vi safe.
- · Kirs guargatees that sobots Will Not lePlace Vs.
- · The JPL & NASA builds lobots.
- · Robots are good at:
 - o seletitive tasks
 - o hon- rewarding tasks
 - o Tvick sestanses
 - · Secision
 - · Not Panicking
- · Robots are Poor at:
 - o adaption to unanticipated contitions
 - o emergency conditions
 - · KADWIA) Whether a restance is 'allotisate' (lites Microsoft's 'Tax' insident)
- " So We'll alwars heed learle!"
 - · Because a UPs will dive us off cliffs, but human Want.
- " HOWEVER, We have a lerbansibility to design an ethical lobotic future.
- " We should design lobots with (haos factors (like humans) in Mind so our automated (as Jon't lux over baywalkels.
- · Your both need: Gitrational avareness, Ghared avareness, Vigilaace, and lobot-human flows Pageacy.
- · Eurola (liller is built to orbit Eurola & Juliter Via a conflex Pathwar conflicated by the Powerfol Caliation of Sail Objects
- · This lacked avareness between oberator & cobot traditionally, but this was lesolved by usian As/ML to detect & alex Oberators in emergencies.
 - · Transparence between why gutomated behaviors Were Performed Colm & leassure plerators, easure Vigilable.
 - · Automated Processes are to releive feel back in Context from operatols.
- " Yuccessful automation lequires two-war communication between lobots and their human Partness."
- · Deel Glace Activoric huse, expensive gaternas around the globe feating L receiving data with flace.
- · More automation resulted in obelator atrollies; too Many abilities trolliled by automation = Weakness When Manual Diesation is Lecessary.
 - · 50: What can we tolerate atrophring?
 - · NASA/JIL Selectively shuts off automation intermittently in other to keep oberators vitilant L skilled.
- · Plerator distlays are Niaimal When fituation is hominal, expanded When non-hominal (energencies) With Colors & Haturation used to highlight Most Pertinent output.
 - · Dierator remains in total control: one button lits lontrol from guromated Processes and into oberator's heads.

- · In the airline industry, brief Moments of automation cancellation Keels lilots 'fit.'
- · IPLINASA built a subot to identify landing staces on Eurola, land on Eurola, take interesting lictures, collect 2 analyze samples, and send 4BKb of data to NASA (Which takes 90hr to seleive). Entirely autoMated.
 - · This servets in Much gariety back at NASA due to lack of Contact & Situational awaleness.
- · This anxiety is alleviated by What-if training & finulations Performed on Earth. Hell, they trained it to identify tentables to get the (leative Juices of engineers goin).
 - · The thing pally yields sesults in 2028; by then, it'll be alien to NASA Oberators & enlineels.
- · Kers highly beconvends leading ... Missed that one.
- "The cobolic future is inherently a design Problem."
- · Q.S.A.: JACCEDULITY to the safety of liver & Jobs. Kits' lesbase it to life levels of 'Jesiga Cole leview' hecessaly. "Automation will glways destroy Jobs, like leficillecators jestioned the ice industry." Believes that Jobs Will Change, but well have to adalt and to help those who lose their Jobs. It's our lessonsibility as 'a Village."

Ken Beckel - Vsability in 78/78/2001

- · Thene: What have we learned?
- · Not all VI elements are awesome.
- · Iterative, Vier-Centered design is a Measured, Proven way to Make effective design.
- · Human behavior is hard to Predict."
- · GOMETIMES the Population's Vocabulary Joesh't square up With that of Duis. Attenuate us. Mute, etc.
- · (iter the Hawaii Missile Cinis as a Matter of bal VX/VI design lacking explicit Messaling for exercent system plenatures
- · Another issue: lost Messages on Web forms.
- · Alvolates Tesuriectial 'user Friendly' into common Monenclatule.
- · Shiffy elevator buttons; still a thing.
- · Rotatian Means Still bad Jesiga.
- · Ken leconneals setting usability goals:
 - · i leatify tack
 - o ideatify user demollablic
 - · ideatify loaditions
 - o identify ideal confletion late
- · Design for 'self-extlanatory' lather than intuitive.' There is no 'intuitive', only a base of exterience that's Personally Developed.



" Millernials are taking over."

· By 1828, 58% of the Workforce Will be MilleMials.

· They have different Valves; 71% Want to Work Dresseas. Over J.D% Want to Work in a developing Covatry.





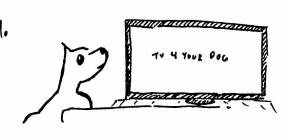


o 73% of teams Will have at least one senote Worker by 2000.

• Gallup foral that lemote Workers seloct Iseater entatement & satisfaction.

• We're secial a Shift towards desita as a system? an assembly line.

• "The Blended Workforce Is Here":



· Freelancers are being fourced from Job boards (38%).

· The tol skill desired of freelancers is 'teamwork.' Apparently, they struttle With 'teamwork.'

· Freelancers are willian to confroming Pay for treedom & flexibility.

· Dule thinks We want be as effected by AJ Equipmetion, as we stant on crativity I emotional intelligence.

· Where's the Work?:

· elommerce

· defigator seniors (the bookers)

· Vileo ganias (grovias industry, surlassias film)

· Pets; like Movies & Shit, and other stuff

· There's a freat industry forming around leasons of all fort. Also, bioscience & Kinesthesiology. Prosthetics.

· We're shifting to data-diven design cather than 'genirs designo'

· Daboarding Will look different. Daly 39% of new hires know what their Job entails these days, by the first day's end.

· Vicki grew up very Privileged, but Went to an incredibly diverse Magnet 4(hool Where econoMic L Gorial distarities Was (leaf.

" The Was heavily exposed to Varied Cultures Via travel.

· The believes that Alaska Airliaes believes their ' to the light thing' thing.

· their observed loneliness Pervasive to the contemporary day and implational entitlement (two-day shipping).

" Designers Must take restansibility for tomentian longiness and instant gratification. Go, how to be resolve this?

· Vicki Joesn't have the answers, but Wants to begin the Conversation.

· Horr: The Meiler of Alaska & Virgin Lillines.

· Virgin Wanted to Create an airline People loved. Algera already 1:1 that in the PN Wo

· 4tors: Vicki Went to Mercekesh; it was learly authentic, Culturally. Found that Alaska is all about connecting People to these experiences. Then, the Went to Dubai, Which is 47nthetic as and city (out) Possibly be.

· Glory: Alaska Aiclines actually began in Alaska, Where it Was Vital for Cunning Milk & Passengers.

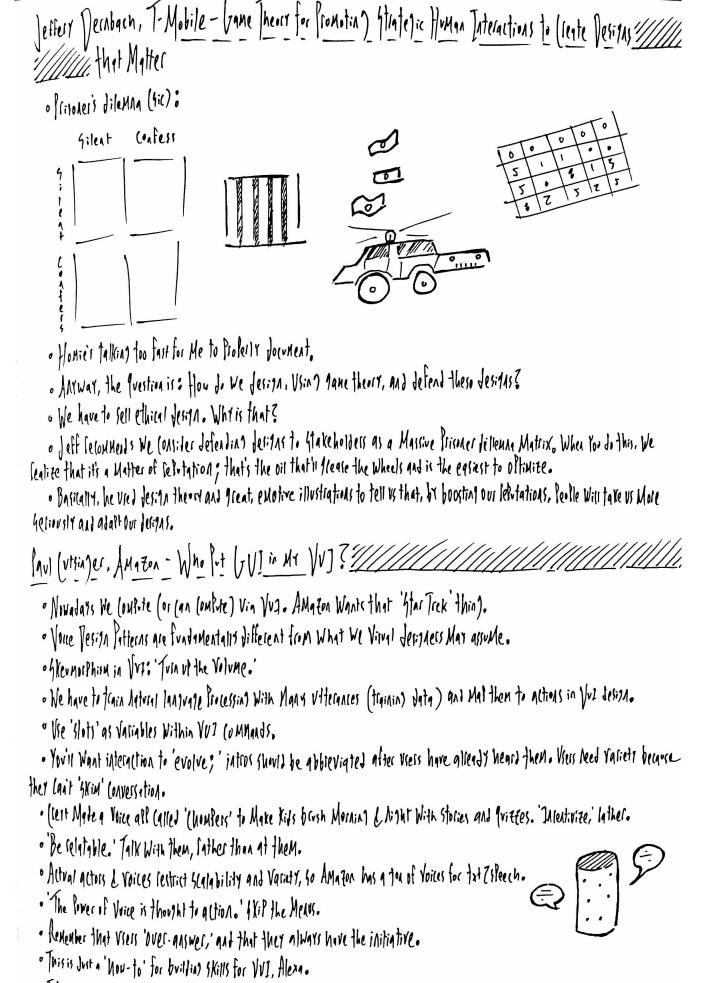
· Horr: Alaska's Purchase of Virgin Connected the Company to the Californian Market, Which is 4 times larger than that of the PNW.

· Hory: Alaska allows artistic Kids to enjoy trial flights' for their anxiety. They do this for dervice dogs too. They Performed all forts of ethnography to smooth the Merger of two company cultures. They try to better selverent Minority Pilots.

· This is shallaged to be a seal advertisement.

· (hallenge: Actively design exteriences that connect communities.

· Now the Waats us to have a loaversation and enlage in QEA?



" It's 910 ther 1109 for a compay, but this guy is Passionate about his Claft and Jemonstrative.

· There's 188M. Alexa devices out there and 1880x+ skills. Harr shit!