Co-designing a Vision for Educating Human-Centered Creative Technology (in Media Technology)

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A vision to design mediatechnology education for the next 5 years supported by students and staff alike.

(1) A vision from professional activities

Educational vision based on activities by professionals in ICT in the non-future!

(2) A vision from analysing future developments in the field


E.g. IoT, sensory interfaces, mash-ups, co-creation, exploratory and emergent design

(3) Co-designing the future vision (as a media product)

Present competences + future developments in the field to design personas as professional profiles

How to do it?

Three personas:

- Who am I?
- My working day
- What do I do in 2020?

Jasper Brand / developer
A creative, innovative and self-employed expert
Who am I?

Jasper Brand, freelance developer and partner of Suzanne (32 year and fulltime communication-manager), father of Kees of 1 and Babs of 3 years.

"I am a passionate DIY enthusiast and experimenter and always investigating new design techniques. It is especially fun to have lots of variety in my work and to participate in common hacking and tinkering projects. Accordingly, my motto is that anything can be learned. For whatever I cannot figure out, directly and by myself, there’s always someone else to be found who knows how to find a solution.” (excerpt).

My working-day

Maaike van Opland (1984) is occupied as a User Experience developer @ Cyberdam and studies Cyber Antropologie (UNI Leyden). She cohabits with Jaryd Defoe.

"At half eight I start classes at the Uni. I do this at the office at home which is possible because all the materials are available online. My classes are for the greater part paid by the company, as it is customary these days. From about 11.00 o’clock I will visit two large projects to test a codec to detect emotional strain in meetings. We have a wide pallet of facial expressions and we will evaluate how the codec supports the testing persons in assessing the stress levels in others.” (excerpt).

What do I do after 2020?

Simon Versendaal (1980) is an HCI expert and senior consultant who lives with! Gerrit (1 1/2) and Jasper (3 3/4) at the Elderberry close 34 in Houten with his partner Mathilde Versendaal (1978), philosopher and housewife.

enter: World Café aka pizza and beer

students & staff

three tables, 1 persona, 1 facilitator

What’s Jasper Brand doing after 2020?

In this round we focussed particularly on what would happen when programming apps is no longer required in the way we do it now. Everything will eventually become much simpler and as such we expect anyone to be able to program apps like developing websites is no longer work for specialists. We think that the next step will consist of managing the design environments that others may use to create mash-ups by linking pre-arranged components. We will presumably be much more involved in hardware then we do now. But also programming hardware (behaviour) will become much more accessible for MT students. (excerpt).
Human-Centered Creative Technology

Applying technology in innovative ways

Topics:
- Agile
- Testing
- Frontend
- Backend
- Sensors
- Interfaces
- Mashups
- Frameworks
- JavaScript, HTML, CSS, PHP, ASP.NET, Objective-C, Java (Android)

Creative Techniques to Design Creative Solutions

Topics:
- agile
- focus on the user
- focus on context of use
- prototyping

Technology serving the user

From the Vision to actual Education
E.g., AmbiPerv, ambient & pervasive design

Thank you!

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