COMP537 IUI Term Project Proposal

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Proposal 1 Personal Font & Signature Generator

Паа. 6 de Eb. ввин. гг. 9999 nnnu.pppppp.cc.nmmlm.yy у у у у у , ф ф ф ф х х х х л ц ц ц . т ч. ш ш. щ щ щ щ щ , б т б. ы ы ы . ь ь . ть в в в б. э э . э ю ю в . я я а а . Грегостя Ушенена 3, 3, . . У Уг. о п. х г г г . 1.2.3.4.5.6.7.8.9.10.11.12.13.14.15. 16 : 17 : 18 : 19 : 20 : 30 : 40 : 50 : 60 : 70 : 80 : 90 : 100 : 105.130.160.507.1000.5642.8931.64329.10674300

What is it and what does it solve and how?

- A system that generates personal font style for users

- It could be used to solve online signature problem for paperwork as a web service

- I will use Restricted Boltzmann Machine: generative neural network using the data collected from the user

Proposal 2 Fast Typing with Autocomplete



why is there a light in the fridge and not in the freezer
why is there a new declan on neighbours
why is there a worm in tequila
why is there a d
why is there a war in afghanistan
why is there a dragon on the welsh flag
why is there a leap year
why is there a world cup
why is there a dead pakistani on my couch
why is there a pattern in melting points

Google Search
I'm Feeling Lucky

Advanced Search Language Tools

What is it and what does it solve?

- Autocomplete systems try to reduce the number of keystrokes with suggesting text
- The best way to achieve this: no stroke at all!
- User will choose the suggested words by looking at the word, the system will detect the gaze using the webcam
- Is it feasible?

Is it feasible? Maybe...

