

Online stumble-ons

David Stonier-Gibson

Just a few of the interesting things I stumbled on this month ...

Progress in 3D printed homes. An article in The Conversation

<https://theconversation.com/3d-printing-promises-to-transform-architecture-forever-and-create-forms-that-blow-todays-buildings-out-of-the-water-198954>

Artificial intelligence: Have we already passed human level IQ? An article in The Conversation

<https://theconversation.com/has-gpt-4-really-passed-the-startling-threshold-of-human-level-artificial-intelligence-well-it-depends-202856>

Wolfram Alpha is an online tool for solving maths problems. ChatGPT is a language based AI chatbot, a very different kind of beast. What happens if the two somehow join forces? CHATGPT + WOLFRAM - THE FUTURE OF AI! <https://www.youtube.com/watch?v=z5WZhCBRDpU>

The IBM PC 5150 - the world's most influential computer

<https://www.youtube.com/watch?v=0PceJO3CAGI>

The Forgotten Story of Kartrak: The First Barcode <https://www.youtube.com/watch?v=5K8UpMNYIPo>

The Secret Auction That Set Off the Race for AI Supremacy. I only learned recently that the type of AI we are now seeing only became practical in 2012.

<https://www.wired.com/story/secret-auction-race-ai-supremacy-google-microsoft-baidu/>

Then right here in our club, two presentations from the Microcontroller group.

Member Clive Maynard, co-author of The Art of LISP Programming gave us a bit of an overview of what the LISP language is all about. <https://www.youtube.com/watch?v=C3epoerj-GI>

David Stonier-Gibson (that's me!) wants to build a (very simple!) neural network from scratch in an \$8 microcontroller and have it sort Smarties by colour. I am only at the start of this quest, but nevertheless shared what I had learned in the previous three weeks while in New Zealand.

<https://www.youtube.com/watch?v=H9ywVLvY6bg>