

ME, MYSELF AND AI: SHARING OUR WORLD WITH ARTIFICIAL INTELLIGENCE

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Dan Palmer

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ME, MYSELF AND AI: THE OPPORTUNITY

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From Home assistants... to navigators

From SatNav... to LifeNav

**Online AIs that help us
become our best selves**

Online AIs that: (1) Keep an eye on us

Observe what we're doing

- Listening to us, and to what we're **listening** to
- Seeing us, and what we're **seeing**
- Feeling what we're **feeling**



more accurately
than our own senses

Utilising

- **Speech recognition** (and other sound recognition)
- **Computer vision** (recognise objects, facial micro-expressions)
- Information from **IDs** and **sensors embedded** in the environment
- Communications **within the IoT**
- **Contextual** knowledge
- Computer general **common sense**

The IoAI:
Internet of AIs



“Computers will have developed ‘common sense’ within a decade and we could be counting them among our friends not long afterwards”

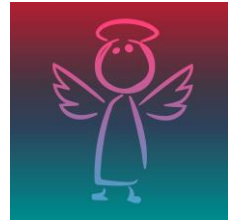
Geoffrey Hinton

University of Toronto and Google

<http://www.macleans.ca/society/science/the-meaning-of-alphago-the-ai-program-that-beat-a-go-champ/>

<https://www.theguardian.com/science/2015/may/21/google-a-step-closer-to-developing-machines-with-human-like-intelligence>

Online AIs that: (2) Act as our guardian



Prevent us doing things against our better interest

- Especially when we may be **vulnerable**
- Impulse **purchases**
- Actions likely to be **injurious to our health**
- When we're about to be **socially engineered**
- Impulse **votes** or petition **signatures**
- People to **spend time with** or **fall in love** with

**“Don't
type your
password
into that
screen”**

Utilising

- Knowledge about us, the environment, and general knowledge

The evolution of our spam filters and our newsfeeds

Augmented Reality (AR)

via smart glasses



<https://itunes.apple.com/us/app/golfscape-gps-range-finder/id382051762>

Online AIs that: (3) Augment our reality



Provide us key real-time info about the real-world

- Smart glasses, whisperers, nudgers, voice of God
- When we're **touring** or **sight-seeing** **Babel Fish**
- While interacting with **speakers of foreign languages**
- While attending to **work tasks** **"Open the golf club face more for this kind of shot"**
- While learning **new skills**
- In **social settings** (who exactly is this person?)
- While **watching TV** or **browsing online**
- Providing instant, personalised **fact-checking**



<http://www.politifact.com/truth-o-meter/statements/>

<http://www.t-immersion.com/ar-logo>

Online AIs that: (4) Transact for us

Execute our intent, even without our conscious involvement



- With increasing degrees of **delegated authority**
- Finding the **best deals** for us for goods we purchase
- Recommending **books** or **films** or **restaurants**
- Purchasing **shares** that match our investment interests
- Steering us towards **the best companions at social events**
- Rearranging our **schedules** and **booking us into best parties**
- Sending **tailored versions of our CV** to job opportunities
- **Negotiating** with the online AIs serving other humans

The evolution of comparison websites

Online AIs that: (5) Become our best friends

Engage us in conversations that enrich and enhance us

- The evolution of present-day **chatbots**
- Know us **better than we know ourselves**
- Know the **best time** to broach various subjects
- Know the **best style** of interaction for us
- Avoid **annoying** us or **boring** us, or appearing to **nag**
- Know the subjects that most **intrigue** us
- Act as **fascinating, enlightening** conversationalists
- Connect to our **innermost** self
- Steering us towards **important personal realisations**





Online AIs



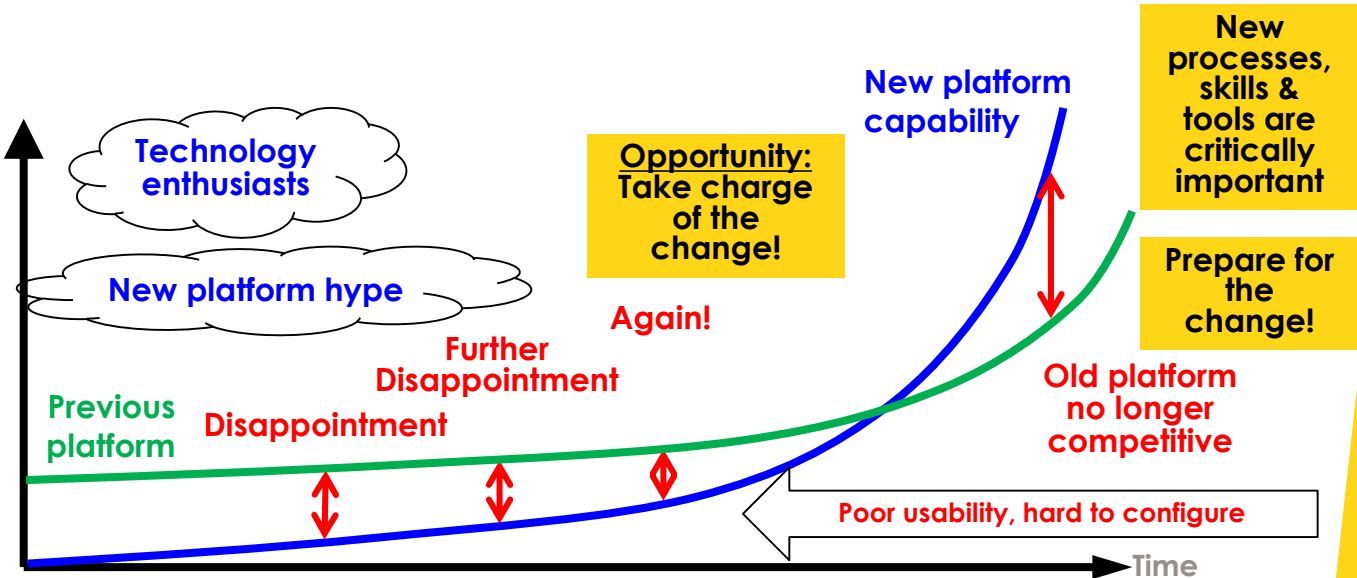
“LifeNav”



Provided we solve the issues of security, human interaction design, etc

Opportunity: Accelerate the disruption

Provide the design, integration, services, etc, to cross the chasm



Services & apps missing or inadequate

GREAT

BRITAIN & NORTHERN IRELAND



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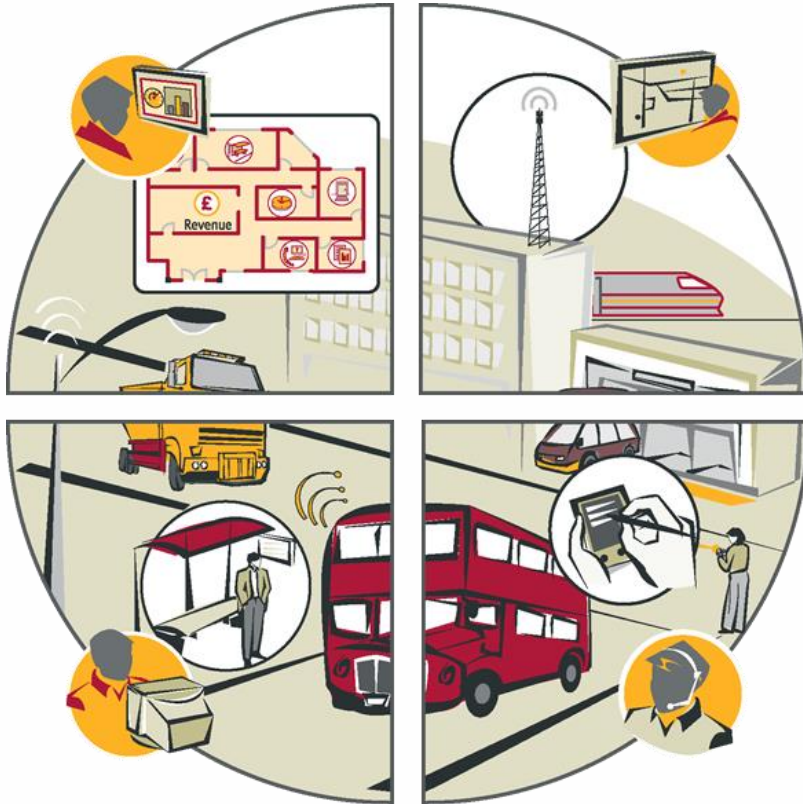
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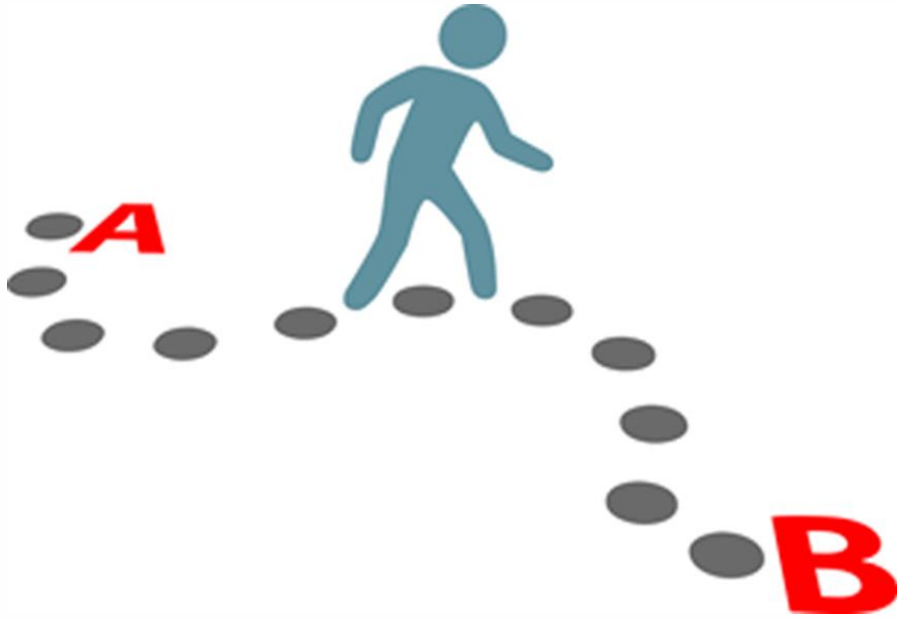
ME, MYSELF AND AI: REINVENTING TRANSPORT WITH AI

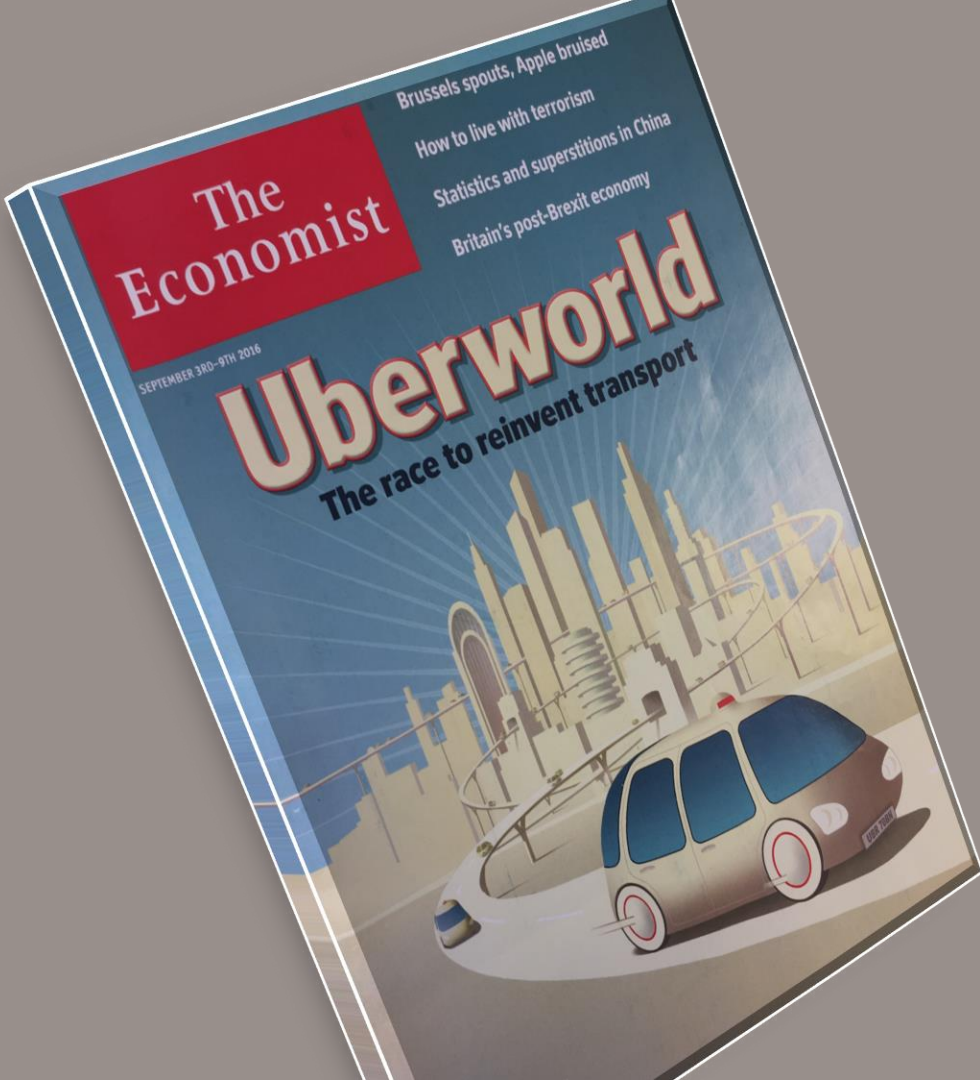
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Reinventing Transport With AI







BRAVE NEW (Uber) WORLD?

Thank You

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