Paul Houghton
Directory of Wizardry, Futurice Oy
IT-Design Consultancy

- Helsinki Office
  - 400 people, Northern Europe
  - DE: Munich, Berlin, Stuttgart
- Most of our work is app layer, design-driven
- Several projects with Jörg and Teemu over the years

- Embedded deep learning
  - N-of-1: Data Privacy Service
    - With Dr Leonard Khirug, U Helsinki, Neuroscience
    - Consumer Dry EEG: private, biometric, medical
    - Algorithms for processing
  - Rapid electronic prototyping with Lego technic
    - http://pelablocks.org

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Research Questions

- Can we enhance \textit{individual agency} over sensitive data with modern networking?
- Can multiple data sources be integrated or even \textit{stored and processed near the edge efficiently}?
- What is the simplest architecture supporting user choice and control when supporting \textit{distributed, secure services trained on large data sets}?