



Keith Vertanen



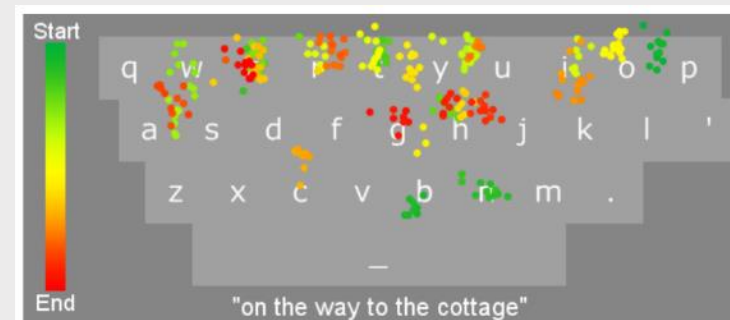
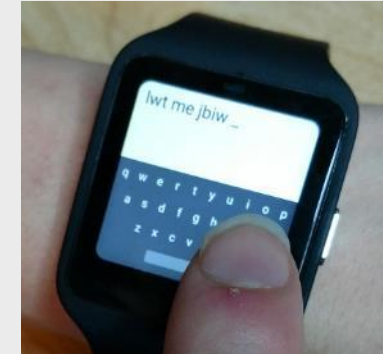
## Intelligent interactive systems that leverage uncertain input

Statistical recognition algorithms

- Discrete & continuous gestures
- Speech recognition
- Language modeling

Interface design and evaluation

- Mobile and wearable devices
- Accessibility



## Post-mobile interaction

- Input: wearable, mid-air, on-body
- Output: smart eyewear, instrumented environments
- Possible applications:

Captioning the real-world  
Annotating disaster/war zones  
Health/rehabilitation

