

WEARABLE TECHNOLOGY

01 WHAT IS CONTEMPORARY WEARABLE?

The contemporary wearable: **electronic devices designed to be worn on the user's body.**

The technology incorporated into the fabric that **can implement several task tracking fitness or health,** communicating with phones and other devices, and altering fabric properties to match the user's preferences, activities, or surroundings (Gouge & Jones, 2018).

The power clothing help the elderly mobility

Electronic device in fashion



02 DIFFERENT KINDS OF CONTEMPORARY WEARABLES

Fitness trackers and smartwatches are two common examples of wearable technology (Yasar & Wigmore, 2022).

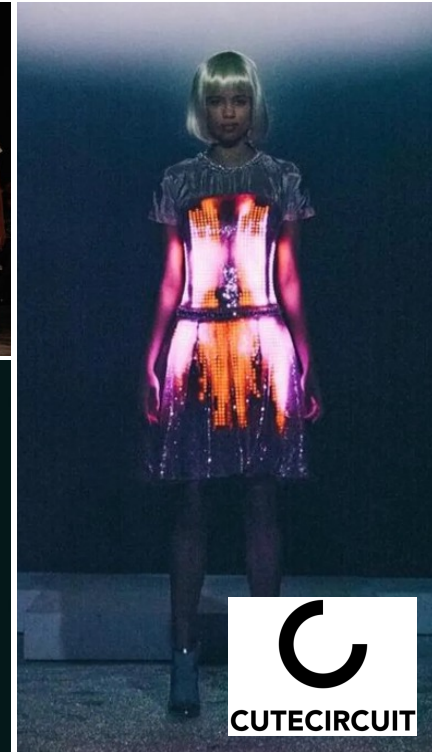
Contemporary Wearable Application (Gouge & Jones, 2018):

- | | | |
|----------------------------|---|--|
| Professional sports | - | Jewellery |
| Consumer goods | - | Accessories |
| Healthcare | - | Medical devices |
| Navigation systems | - | Fashion or elements of clothing |
| Advanced textiles | | |



Smartwatch and fitness tracker

03 CONTEMPORARY WEARABLE



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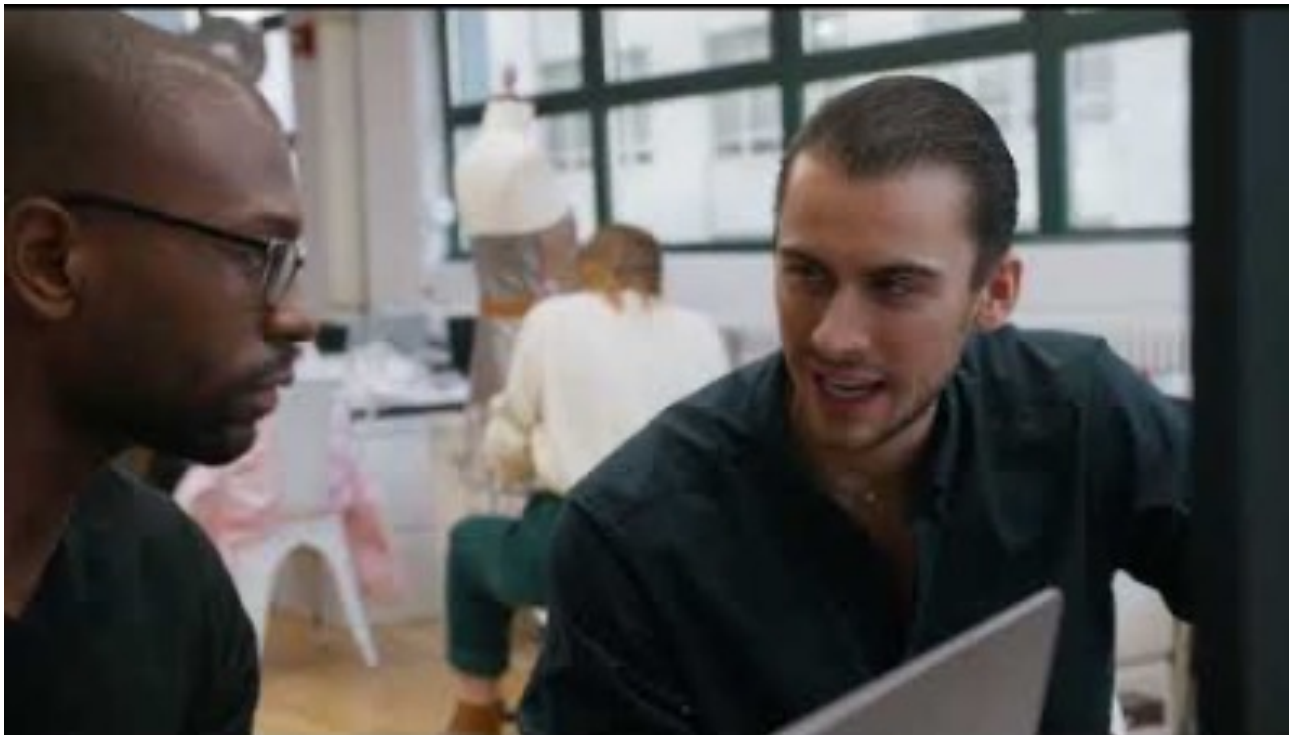


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CONTEMPORARY WEARABLE

Project Promise by Adobe x Christian Cowan



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DESIGNERS & FASHION TRENDS

03 CONTEMPORARY WEARABLE



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Iris
Van
Herpen



03 CONTEMPORARY WEARABLE

Iris
Van
Herpen



03 CONTEMPORARY WEARABLE

Iris Van Herpen



04 HOW SMART TEXTILE INTERACT WITH THE END USER?

The intelligent textiles system is based on **deep learning with computer vision and illuminating photonic textiles.**

- Ability to work anywhere
- Detects gestures and deciphers the image
- Provide immediate feedback via coloured illumination



04 HOW SMART

TEXTILE INTERACT WITH THE END USER?



Intelligent textiles