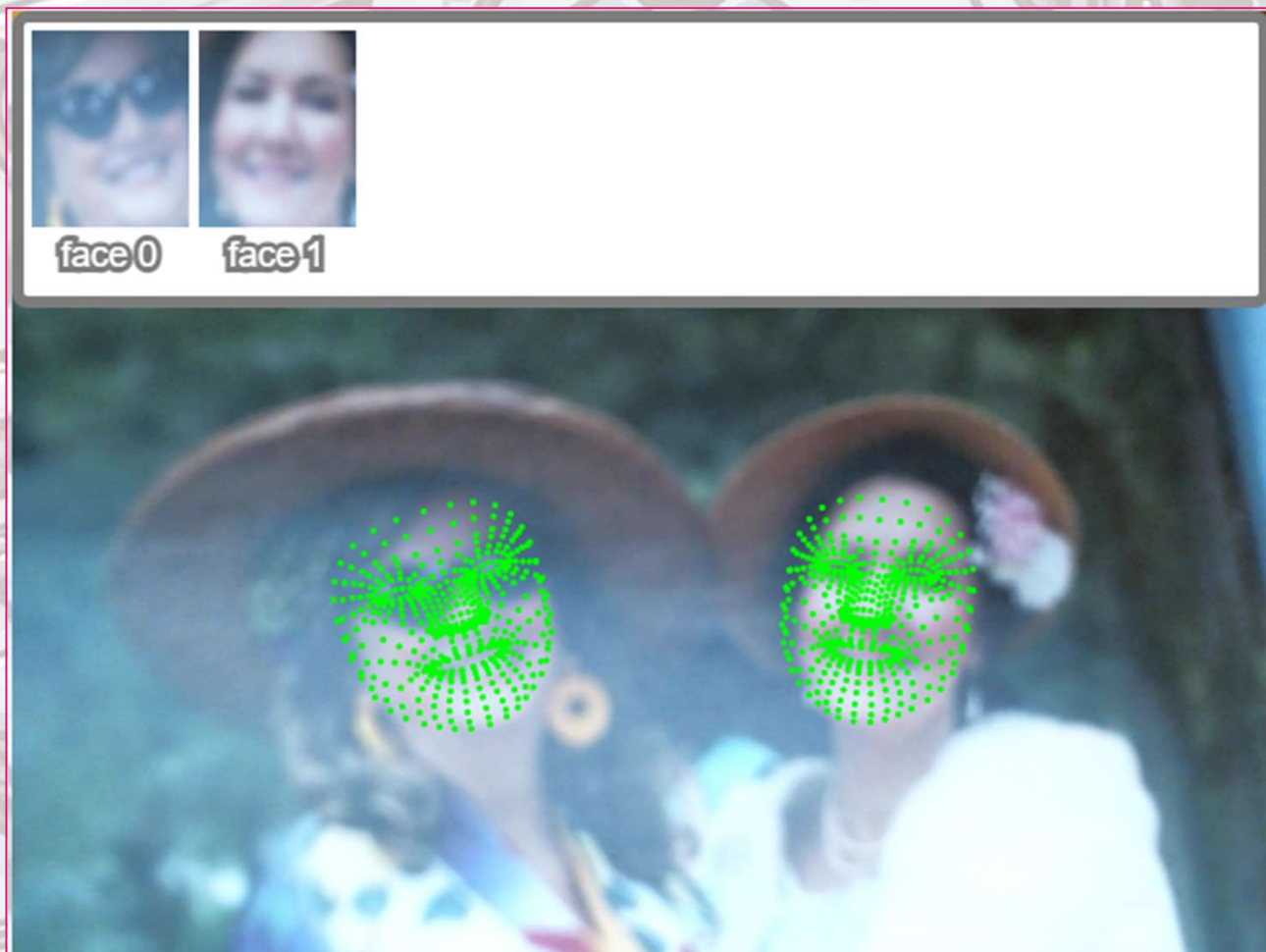


# AI Face Tracking



University of  
Sunderland

In this activity you will build an application that uses Google's **MediaPipe** AI Models to recognise faces from a webcam feed.



The basic idea is you will incrementally build a web browser-based application that integrates a webcam and the **FaceMesh** model (a part of **MediaPipe**) to create a Facial recognition surveillance tool.



# Let's get going!



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## What do we need!

For this activity we need the following:

- A **web browser** (we recommend you use Chrome).
- The **VS Code Editor**
- A **webcam** connected to the computer.
- **Your Face (and others 😊)!**

The lab computers should already be setup, but if you get stuck at any point, ask for help. We are here to help you. Don't worry if you don't get everything finished in this session there are sample masks in the application you download already.

**Source files:** <https://github.com/neliot/FaceMesh>

