A screenshot of a computer

Description automatically generated

The jupyter notebook held the code for processing the video results to detect facial landmarks using the MediaPipe library to visualize the results and ultimately make a 3d model of my face. The laptop holds the code to take a video and save it to a local file and then through tailscale the video was transferred over to Gitpod for processing.

Here I used cloud setup utilizing Gitpod for development, Tailscale for connecting the local endpoint (laptop camera) and the development kernel (jupyter notebook), and Jupyter Notebooks for data processing and visualization.

Attached is the code I used for it and the results!

A screen shot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

A screenshot of a graph

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