Data Science Associate

Coordinating with start-ups going through the medical device certification process to design and implement a chatbot t
Developed back-end scripts in Python to get MDR queries and find the answer using RAG, the Milvus vector database,

PhD student
Status: All data collected and analyzed. I am finishing writing the thesis in my spare time.
Developed new time-series analysis of contrast for laser speckle contrast imaging (LSCI) and improved the optical syste

Machine Learning internship

Performed data exploration and correlation analysis of behavioural data coming from phone sensors, electrodermal acti

Marie Curie Early Stage Researcher
Developed novel algorithms in Python and Matlab to map electrodermal activity to vibrotactile cues using self-organizi

Biomedical Engineer
Applied segmentation algorithms to MRI images.
Investigated sources of noise with ICA analysis, which resulted in the successful debugging and completion of the proje