



CONSULTING

SERVICE SUMMARY

LOFTY CONSULTING

WWW.LOFTYCONSULTING.COM

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SERVICES – SKILL SET

Lofty Consulting offers expert services in the following technical areas :

- ✓ Digital audio and digital signal processing (DSP)
Algorithm design, implementation and testing
- ✓ Data analysis
Time series, sensor data, data-mining
- ✓ Machine learning
Classification, pattern recognition, feature and model engineering, neural networks, AI
- ✓ Acoustics
Simulation, measurements, analysis
- ✓ Microphones, loudspeakers, headphones
- ✓ Software engineering
Matlab, Python, C, C++, fixed and floating point DSP assembly code
- ✓ Real-time digital audio systems
Hearing instruments, DSP processors, operating system audio (iOS, Android, Windows, Linux)
- ✓ Subjective audio
Psychoacoustics, listening test design, music technology

Lofty Consulting can assist you at any stage of the product development cycle:

✓ Early inception / idea formulation

» we improve the scope of your idea, facilitate intellectual property creation and study the prior art for you

✓ R&D

» we create, implement and test the technology driving your invention

✓ Product implementation

» we implement the R&D prototype into a final form, fit for commercialization in your product

✓ Post-commercialization

» we evaluate and test your product, in the field and against the competition

