



Hear what you want. Hear what matters.



Superhuman Capabilities







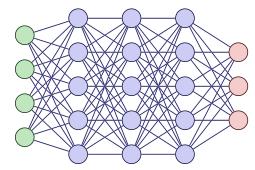




AAVAA's Solution

We decode **brain and bio-signals** to understand a user's **attention and subtle commands**.





Neural Decoders



Hardware

Design



Bio-Sensors

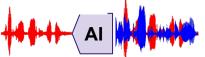
AAVAA's End-to-End Solution

We adapt our solution to any headworn's device.

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Sound, Brain, and **Bio-Signals**

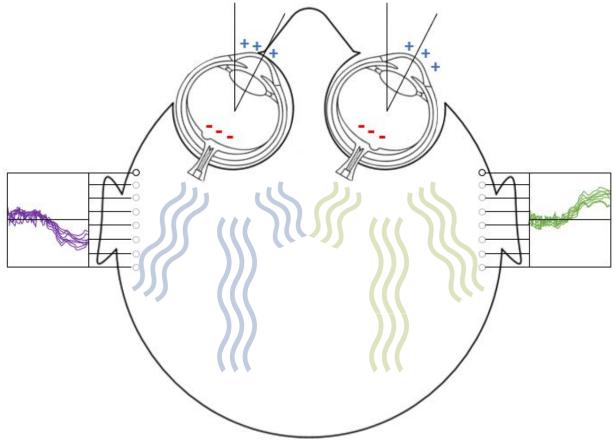




Sound Processing



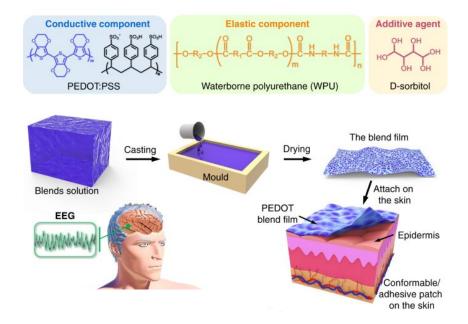
Eye Movement Detection

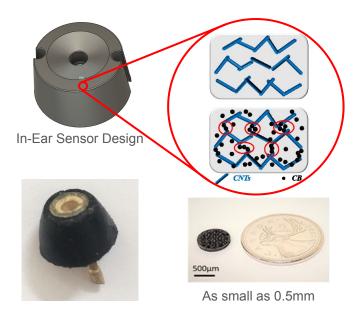




Bio-Sensors

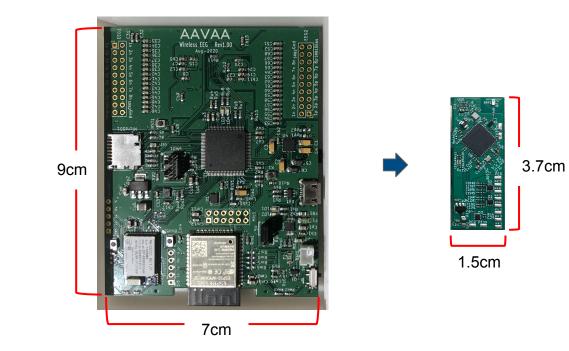
Our Novel Biosensor Materials Increase Signal to Noise Ratio and Accuracy







Hardware: Specs





Design: What Is Needed for Integration?

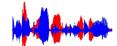




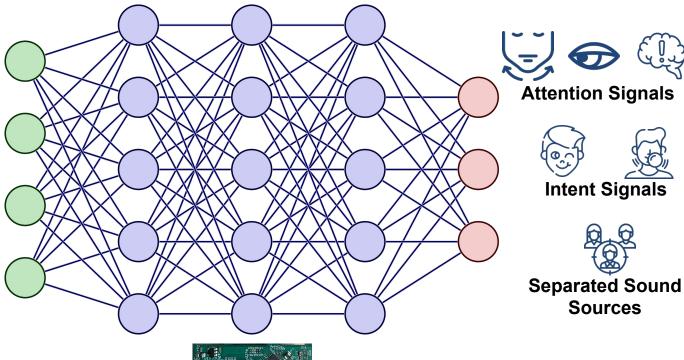
AAVAA Neural Decoders

Brain & Bio-Signals





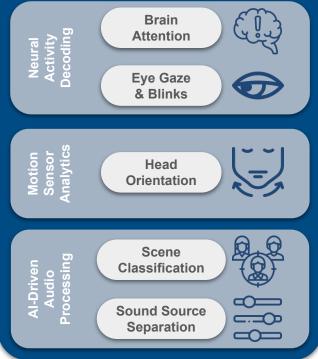
Mixed Sounds from the Environment





AAVAA





AAVAA On

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AAVAA-Enabled Capabilities



Enhance the sound you are listening to



Look in the direction you want to go



Scroll with your gaze and select by blinking



Additional Applications

By understanding a user's attention and intent, we can solve many diverse problems.



Brain, Mental, and Physical Health from In the Ear



Redirect Attention to Improve Safety and Productivity



Respond to Attention, Emotion, Internal States, etc.

Interested Partners

Hearing Enhancement

SAMSUNG

Starkey.

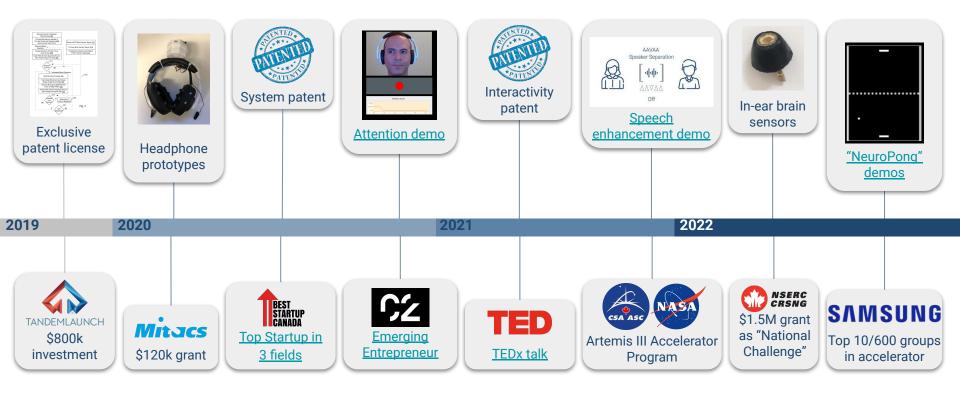
SONY







AAVAA Achievements



The AAVAA Team



Barclay Knapp Chief Executive Officer



Farnood Al Engineer





Youness Al Engineer



Ahmad Material Scientist



Katerina Neuroscientist



Shuyun Material Scientist



Naeem Komeilipoor Chief Technology Officer



Elaine Neuroscience Intern



Anan Materials Researcher



Lex Schindler Chief Operating Officer



Min Hardware Engineer



Materials RA

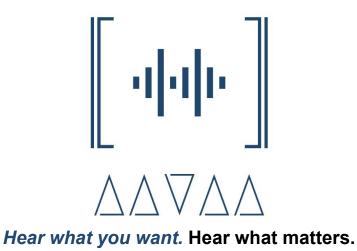


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Hardware Engineer





For more information, please visit: www.AAVAA.com You can reach me at: naeem@aavaa.com