FACULTY MENTOR
Kuzum, Duygu

PROJECT TITLE
Neuroelectronic interfaces for brain

PROJECT DESCRIPTION
Multimodal neural interfaces to investigate signal transmission in brain circuits

INTERNS NEEDED
2 BS or MS students

PREREQUISITES
Signal processing/machine learning or microfabrication
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PROJECT TITLE
Neuro-inspired in memory computing systems

PROJECT DESCRIPTION
Development of neuromorphic hardware based on emerging non volatile memory devices such as RRAM, PCM, MRAM

INTERNS NEEDED
2 BS or MS students

PREREQUISITES
Knowledge on neural network models or memory devices or circuits