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The ArgoNeuT Experiment at Fermilab SAIMA FAROOQ, Kansas State University, ARGONEUT COLLABORATION, MICROBOONE COLLABORATION — ArgoNeuT, a 175 liter Liquid Argon Time Projection Chamber (LArTPC), exposed to NUMI beamline at Fermilab (FNAL), has recently collected thousands of neutrino and anti-neutrino events between 0.1 and 10 GeV. ArgoNeuT is the first LArTPC exposed to a low energy neutrino beam, first ever in the US in neutrino beam and the second LArTPC exposed to a neutrino beam ever. The project is part of the LArTPC development program in the US and has helped initiate the development of simulation and reconstruction tools for LArTPCs. Among the detector technology and its operation, this talk includes the software development and implementation along with the completed and ongoing analyses on ArgoNeuT data.

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