

Illinois AUV is a student-run organization with an aim to build an autonomous underwater vehicle to compete at the international RoboSub competition organized by the Association for Unmanned Vehicle Systems International (AUVSI). Autonomous underwater vehicles (AUVs) have enormous value in the industry, as vessels for exploration of oceans, surveying sea floors for the oil and gas sector, in the military for mine exploration, and in research for monitoring and studying underwater life and thus we think this a worthy goal to pursue.

Through this venture, we hope to bring people with different skillsets from diverse backgrounds to pursue a common goal of creating a collaborative learning environment and knowledge base for improving resources to learn and skills relating to Artificial Intelligence and Robotics

The team is comprised of driven students from diverse backgrounds and disciplines, who aim to explore the applications of cutting-edge technology and engineering in building an autonomous underwater vehicle. As a team, we aim to develop a platform for the exchange of ideas, fostering team spirit and cultivating a strong work ethic.

We are a highly software focused team and specifically geared towards adapting some of the most cutting-edge progress in the fields Machine Learning, Computer Vision, and Robotics. In our mission to further the progress in AUVs, we're fortunate to have the support and advice of some of the leading researchers in these fields such as Prof. David Forsyth and Prof. Volodymyr Kindratenko..