



ARVP

NEWSLETTER

SEPTEMBER 30, 2023

Recruit! Recruit! Recruit!

Like you, ARVP has had quite an occupied start to the semester. Running multiple recruitment events throughout the month, having our own corner in UASU's Fall Clubs Fair, participating in the Engineering Carnival, and engaging community members at UofA Days – but we didn't stop there! For our Annual General Meeting, ARVP hosted a community barbeque in the Engineering Quad, followed by a live pool demo at the Campus' West Pool. Giving new students and other faculty members a chance to see Arctos do a full autonomous run of the competition course.

This month, our team worked with Aramak to reaffirm and upgrade our sponsorship deal! Every Saturday, Aramark helps fuel our hungry members during our long work sessions through our Tim Horton's on campus – saving great food from being thrown out after closing! This has been invaluable during onboarding, where the work can be long and engaging.

At the start of every semester, onboarding is essential for our new members because this is where they learn how they can contribute and get integrated to the team. They learn the necessary skills and software to contribute meaningfully to the club. Those who stick around for this process learn a lot and are rewarded with our fantastic community of people that the club holds at its center.

ACCOMPLISHED TASKS ✓

MEMBER QUOTE 😊

✓ 300+ new member signups!

✓ Visited Rail Shop Services!

✓ Upgraded sponsorship with

Aramark! 

"Getting the money, maintain the money"

- *Brendan Flynn (Admin & Electrical Member)*

Software - Competition Rush

The Software Team was busy updating our stack to complete the course at the competition. We began by integrating our mapping system with our vision, missions, and motion planner. We also designed and developed missions to execute the competition tasks in sequence. Our team also labelled over 10,000 images to train vision models on data we collected from the TRANSDEC.

Since the competition, we have updated our vision system to YOLOv8, updated to ROS2 iron and Ubuntu 22, cleaned up and updated dependencies, and began onboarding new members.

Barbeque Outreach & Annual General Meeting

Checkout our team's AGM!



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ARVP just had our Annual General Meeting on September 11th, 2023. We had to do some prep work the day before to set up the pool, but things went swimmingly! We held a barbeque in the ETLC quad to invite new members to the West Pool where we did our demo with Arctos live in the water plus a presentation to show them what the club was all about.

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AUTONOMOUS ROBOTIC VEHICLE PROJECT

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