

AGS ROBOTICS

When you want to see how it all fits together, you pull out the MelBot 2.0 and witness the marvel of co-processing power!

MelBot 2.0

Adam MacNeil is the anchor of the team. His calm, cool head from years of Search and Rescue and his experience provides a stable environment for the innovation that happens at AGS Robotics. If you want a robot that crab walks, he's the man who can make it a reality.



The MelBot 2.0 is the next generation of teaching platform for electronics students or hobbyists.

This platform unites the accessibility of the Raspberry Pi with the power of an ARM Cortex-M3 microcontroller, and gives it wheels! In addition, MelBot 2.0 projects can be further enhanced by adding Arduino compatible shields. Finally, a prototyping area gives room to add custom circuits or alternate microcontrollers.

This flexibility gives students fun, fertile ground to develop their knowledge of operating systems, electronics, and embedded programming.



Technologist by day, chef by night, Geoff Radons brings a seasoned approach to AGS Robotics. Two decades of customer service success and out of the box thinking makes Geoff the right choice when you need a robot carrying a shark with a fricken laser on its head!

Shaun Aiken is the embedded maestro at AGS Robotics. His ability to make the M3 Cortex yield to his will is truly awe inspiring. Shaun is more than just a master at C programming, he makes other languages sing as well. He's fluent in Perl and C++. Tell him what you need!



AGS Robotics would like to thank the staff and faculty of the Camsoun College Electronics and Computer Engineering Department for their support and sponsorship of the MelBot 2.0 project.