

1563: Multi- Robot Collaboration Engineer

Multi-Robot Collaboration: Experience with multi-robot task allocation and management. Familiarity with SOA techniques such as market based collaboration. We are looking for someone who has moved beyond simulation, and has some experience in demonstrating collaboration algorithms on real UGVs and/or UAVs, with outdoor field testing.

Unmanned Systems Research and Development group. We are looking for people who like to focus on **difficult real world problems** and are motivated to see their work put to use, **deployed and fielded**.

We develop software and hardware for unmanned vehicles. We write the code that makes dumb robots smart. We work with a wide variety of robots, from small, man portable robots to robots that can run over cars. Our core need right now is for highly motivated, **energetic individuals** with a **Ph.D. in Robotics or Computer Science**. In all cases, excellent computer programming skills are necessary, along with a desire and aptitude for practical, applied work. **Prior experience in working with field robots is strongly preferred.**

General Requirements:

Ph.D. in Computer Science or Robotics.

7 or more years of industry R&D experience

A track record of writing winning proposals to DoD, DoT, DHS, DARPA, or NSF

US Citizenship or Permanent Residency Required.

Necessary Technical Skills:

Strong programming ability in C/C++ using the g++ toolchain. A high level of familiarity with Linux. Experience with software engineering tools (revision control, issue tracking systems). Familiarity with Python or another scripting language