

## 1564: UGV Systems Engineer

Client develops 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.**

**UGV Systems Engineer:** Strong track record of building robust unmanned ground vehicles, including software and hardware integration. Significant experience in building vehicles that work on roads, unimproved surfaces, and moderate cross country terrain. Note – we are *not* looking for a vehicle designer, but rather someone who understands all the systems-level issues required to make a UGV work in the real world.

### **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.