



Sr Software Engineer

Advanced Construction Robotics is transforming the construction industry through the application of robotics by innovating new technologies and commercializing them through leasing and selling autonomous robots. Awarded as the 2019 Built Worlds Field Robotics Disruptor and the first ever Assoc. General Contractors of America Innovation Award, ACR is leading the charge into this new untapped market with robots deployed on live, paying job sites for the past 2 years. At ACR, we strive to push the boundaries in creating tomorrow's solutions today while maintaining a positive work-life balance for our team members. Our team is a close-knit collection of experienced innovators that leverages the latest technologies to create robust robotic solutions that meet the challenges of the construction industry today and into the future.

We are on the hunt for experienced, creative and energetic software engineers looking to make an immediate impact in the world through robotics. You will see your code working on real products doing real work in the real world. If that's you, apply today!

Who We Are Looking For:

- 5+ years of experience in robotics or related fields
- Experience with complex robotic applications
- Self-motivated
- Good software engineering habits
- Proficient in C++ and Python
- Proficient in Linux

Our Process (your job duties):

- Create algorithms and software for robotic components and systems
- Test software in laboratories, simulation, and on full-scale robots
- Evaluate system performance via data log processing and other software tools
- Hold and participate in design reviews and coding peer reviews
- Document software using industry-standard best practices

Applicable Skills/Expertise (worth bonus points):

- Computer Vision
- Localization
- Mapping
- Planning
- Controls
- Machine Learning

We offer a comprehensive benefits package including medical, dental, vision, PTO days, paid holidays, 401(k) plan with employer match and a flexible schedule.