

Boston Dynamics is a leading developer of advanced dynamic robots, including Spot, Atlas, Handle, and others. We love to create innovative machines that combine advanced control systems, sophisticated mechanical designs, onboard control and sensing, and extraordinary behavior.

We have a close-knit hard-working team of 80 engineers, scientists and technicians devoted to building the most advanced dynamic robots in the world. If you have excellent technical skills, like to get your hands dirty and want to join our team of robotics rock stars, please follow this link to contact us:

<https://www.bostondynamics.com/jobs>

Control Systems Engineer

Location: Waltham, MA

We are looking for someone who can work as a key member of our multi-disciplinary team. It will involve creating dynamic simulations of robotic systems for early stage development as well as on-robot testing to deliver real world machines.

We require a MS or PhD degree in electrical engineering, mechanical engineering, aeronautical engineering or computer science plus 2 or more years of relevant experience. A balance between analytic ability and practical implementation on hardware systems will be expected. Simulation experience is useful. You'll do well here if you like thinking about how things move and developing algorithms to make machines realize your vision. Strong interpersonal, speaking, and writing skills are required. We desire experience ranging from concept through build, test, debug, and delivery. We are looking for experience in several of the following areas:

Required Skills:

- C, C++ programming for real-time control and sensor processing
- Implementing high-bandwidth feedback control in hardware
- Developing simple models of complex systems
- Sensing and state estimation

Desired Skills:

- Control of multi-DOF systems
- Familiarity with multi-body kinematics
- Dynamic simulation
- Optimization
- Path planning

Electrical Engineer

Location: Waltham, MA

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We began as a spin-off from the Massachusetts Institute of Technology, where we developed the first robots that ran and maneuvered like animals. Now we are taking the next step, combining the principles of dynamic control and balance with sophisticated mechanical designs, cutting-edge electronics, and software for perception, navigation, and intelligence. Boston Dynamics has an extraordinary technical team of engineers and scientists who seamlessly combine advanced analytical thinking with bold engineering and boots-in-the-mud practicality.

We pride ourselves in building machines that both break boundaries and work in the real world.

For more information contact: Marianne Wisheart, Human Resources Manager,
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