Summary:
Are you excited about spelunking in robot data?!

iRobot is looking for two Data Science Summer Interns to join our team.

Our team's mission is to creatively solve problems related to iRobot's data sources and bring data-informed intelligence to our customers and colleagues. As an intern on our team, we'll help you develop a strong background in applying probability and statistics to real data, as well as defining a business problem and evaluating the effectiveness of different techniques in solving these problems. Previous experience with financial modeling, signal processing, or other advanced methods on time-series data is not required but would make a you a very attractive applicant. With regards to computing skills, we're looking for someone who can manipulate and quickly prototype solutions that work on large data sets in a clear (and possibly interactive) manner. An understanding of algorithms, operating systems, and modern server hardware is also a plus.

Essential Functions/Job Duties:

- Use data analysis to solve problems for our customers
- Program working prototypes in a modern analytical language (Python strongly preferred)
- Make creative use of public and private datasets to improve our customers’ experiences
- Continuously push the edge of what iRobot Data Science can deliver in a cost-effective manner
- Interact with other internal teams on a regular basis, both to sell new ideas and to elicit feedback on old ones
- Work as part of a fun team

Qualifications:

- You have strong problem-solving and analytical skills
- You have rich communication skills to explain complex solutions to non-data science peers
- You also have strong computer skills in your language of choice (such as Python, Clojure, Mathematica, Scala/Java, R, etc.).
- You have graduate-level background in data science, statistics, or mechanical/building/electrical engineering
- You have a sense of humor, and enjoy solving puzzles
- You are self-motivated and able to work in a dynamic, delivery-focused environment
- Must be willing to complete a take home evaluation exercise as part of the interview process
- Must be legally authorized to work in the United States and will not require sponsorship now or in the future.
About Us

We are the leading global consumer robot company, designing and building robots that empower people to do more, both inside and outside of the home. Founded by MIT roboticists who had the vision of making practical robots a reality. iRobot is committed to fostering invention, discovery and technological exploration in the pursuit of practical and valuable robot products for the home. iRobot stock trades on the NASDAQ stock market under the ticker symbol IRBT.

iRobot Corporation, with a mission of “empowering people to do more,” is at the forefront of the development of robotics and artificial intelligence technologies. We've become one of the world's preeminent specialist designers and builders of consumer robots, and we invest in the development and growth of our people in a culture of empowerment, innovation, and fun. Would you like to come work with some of the most talented and influential people in the robotics field utilizing cutting edge data science technologies, in an exciting, fast-growing industry?

iRobot is headquartered in Bedford, Massachusetts, accessible by our corporate shuttle directly from Alewife Station. We also have offices in California, the United Kingdom, Japan, China & Hong Kong. Imagine the future you could help us build as a fellow iRoboteer!

Check out #LifeAtiRobot and follow us on Instagram: @irobotcareers

iRobot is an “Equal Opportunity Employer, Minority / Female / Veteran / Disabled”