# Technical Program Manager, Robotics R&D

**Description**

Intrinsic is Alphabet's bet aiming to reimagine the potential of industrial robotics. Our team believes that advances in AI, perception and simulation will redefine what's possible for industrial robotics in the near future – with software and data at the core.

Our mission is to make industrial robotics intelligent, accessible, and usable for millions more businesses, entrepreneurs, and developers. We are a dynamic team of engineers, roboticists, designers, and technologists who are passionate about unlocking the creative and economic potential of industrial robotics.

## Role

As a Technical Program Manager (TPM), you'll manage the delivery of cutting edge automation technology and robotic solutions to our customers and partners. You will have the opportunity to collaborate with some amazing and talented people, who also happen to be working on highly creative and ambitious efforts.

During your first two years, you will primarily manage a German government funded R&D project with several leading companies and partners of Intrinsic. The goal of the project is to create a data ecosystem for robotics that makes robots usable by more people and businesses in a radically simplified way. To achieve that, you will facilitate alignment on scope & feasibility and manage execution of internal development and external delivery. All while collaborating closely with a wide range of external and internal stakeholders – Product Managers, Program Managers, Software Engineers, Roboticists, Machine-Learning experts, and leadership.

As part of the overall TPM team, you will collaborate closely with your peers to evolve our shared standards and processes, enabling successful deliveries to our customers and partners at scale.

This role will require domestic and occasional international travel to visit partners and customers.

## How your work moves the mission forward

- Collaborate with cross-functional stakeholders to deliver novel, cutting edge automation technology and robotic solutions to customers and partners
- Facilitate alignment on scope and timelines that capture needs while balancing feasibility, quality and acceptable risk
- Motivate by creating clarity. For example, manage change by creating clarity on: Why is the change needed? How did we decide on the change? What is changing?
- Own an up-to-date delivery status overview and manage related risks
- Manage delivery budget (cost and resource allocation)
- Guide the team to follow Intrinsic's established standards and processes – collect feedback to evolve our operations to successfully deliver at scale
- Represent your delivery in regular leadership updates and proactively raise flags where leadership guidance is needed for a successful delivery.

**Hiring organization**
Candidate-1st

**Employment Type**
Full-time

**Beginning of employment**
asap

**Job Location**
Munich, Germany

**Working Hours**
40

**Base Salary**
euro EUR 38K - 71K *

**Date posted**
May 24, 2024

## Skills you will need to be successful

- Fluency in **German** and English language (writing and speaking) **is required**
- Experienced in applying best practice technical program/project management approaches and comfortable adapting and leveraging these in ambiguous settings with shifting priorities (project scoping/planning, risk analysis, timeline estimation, status tracking).
- Strength in facilitating alignment of competing needs and constraints by leveraging critical thinking, e.g. when delivering novel technologies to established industries
- Concise and clear communicator, especially when working with external partners and customers
- Experienced in managing publicly funded collaborative projects from start to end (incl. writing proposals, grant application, intermediate and final reporting, resource/budget reporting)
- Bachelor of Science in Engineering or a related field, or equivalent practical experience to confidently engage in technical discussions and articulate technical concepts, both in familiar and unfamiliar areas.

## Skills that will differentiate your candidacy

- Good understanding of data infrastructure, like cloud storage and computing (Google Cloud, AWS, or Azure), containerization and orchestration (Kubernetes, Docker), service-oriented architectures, relational database management systems (BigQuery, DB2, or ODB)
- Experienced in robotic-automation specialized technical program/project management, e.g. understanding of typical phases and challenges in deploying a robotic solution
- Systems understanding of conventional robotics and automation systems, incl. mechatronic systems engineering and functional safety
- Basic understanding of machine learnings infrastructure, like machine learning frameworks (Tensorflow, JAX)
- Familiarity with robotics technologies such as machine learning, computer vision, automated motion planning, reactive sensor control, their potential, limitations and resulting project risks

At Intrinsic, we don't just accept difference – we celebrate it, we support it, and we thrive on it for the benefit of our employees, our products and our community. We are proud to be an equal opportunity workplace and an affirmative action employer. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity or Veteran status. We also consider qualified applicants regardless of criminal histories, consistent with legal requirements.

If you have a disability or special need that requires accommodation, please contact us at: candidate-support@intrinsic.ai.

**How the process will look like**

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

**Job Benefits**

EUR 38K – 71K *