

## Allotrope Foundation Product Manager

### Role Description

The Allotrope Foundation Product Manager is a two year contract position with potential for extensions, reporting into the executive leadership of the Foundation. The primary role of the Product Manager is to own the strategic direction of the Allotrope Framework and provide technical leadership within the established Allotrope governance structure to ensure that the Framework is delivered to the highest levels of quality and robustness to meet Allotrope community needs. The Product Manager is the key liaison to Allotrope Members, Allotrope Partner Network (APN), and the emerging global community of developers who will use the Framework to embed data standards into new, innovative software applications to benefit the scientific community. Requisites for the role include a strong history of successful management for technology development and implementation, expertise in stakeholder and alliance management, domain knowledge in the pharmaceutical industry and/or laboratory science, and professional executive communications skillsets. The vision of the Allotrope Foundation is to help reshape the informatics landscape in the data sciences, therefore candidates must have a passion for actively driving disruptive innovation through its successful implementation. The successful candidate must have a minimum B.S. degree in computer science, physical sciences, mathematics, or engineering disciplines and solid experience in Product marketing and/or Project management for software products. The role is flexible with respect to working location, and will require less than 25% travel.

### What You'll Do

- ✓ Lead the Allotrope Framework product strategy as the single point-of-contact for Allotrope product communications.
- ✓ Liaise with Allotrope community to gather technical requirements from the diverse workstreams, identify market needs and opportunities, and focus on successful execution and implementation of agreed upon foundation objectives.
- ✓ Prioritize the backlog of framework requests for enhancements in collaboration with Allotrope technical leadership
- ✓ Provide dedicated professional management of scope, budget, schedule, risk, stakeholders, and changes for Allotrope products to facilitate effective software planning, development, and delivery
- ✓ Identify and integrate key product opportunities across the community, seeking synergies and collaborations
- ✓ Assist in issue/conflict resolution in the consortium, when required, in partnership with Allotrope leadership
- ✓ Develop a sound understanding of semantics, data modeling, and key scientific software
- ✓ Effectively apply Continuous Integration, Continuous Delivery, Agile, Lean, and Kanban methodologies
- ✓ Effectively use modern collaboration tools such as Slack, Wikis, and Gitlab

### Why Allotrope Foundation?

Founded in 2012, [Allotrope Foundation](#) is an international consortium of pharmaceutical, biopharmaceutical, and other scientific research-intensive industries that is developing an advanced data architecture to transform the acquisition, exchange, and management of laboratory data throughout its lifecycle. Following an initial phase of iterative research, technology evaluation and design, a holistic architecture was developed that includes a universal file format for data from analytical and other scientific instruments, accompanying APIs and semantic capabilities, collectively referred to as the Allotrope Framework. The first two products were released in 2017 (format specification + class libraries; initial release of the ontology) and the third will be released in 2018 (data models). Allotrope was recognized in 2017 by Bio-IT World with a Best Practice Award in Knowledge Management.

Allotrope Foundation is looking for the right individual to help us transition from a research & development oriented organization and model to one that can fully support the needs of third parties (instrument and software vendors and service providers) who are incorporating the Framework into their product and services. While not a software company, the Foundation engaged the services of OSTHUS (a solutions provider in life sciences informatics profession) for the Framework architecture and software development. The community of instrument, software, and service providers is represented in the ecosystem through the Allotrope Partner Network (APN). Drawing on requirements and priorities of the both Foundation Member companies and the APN the Foundation needs to manage a roadmap for the Allotrope product lifecycle, manage the backlog, ensure timely delivery, provide technical support, etc. The opportunity to work within this ecosystem will provide the opportunity for interaction and collaboration across a wide representation of industry leaders in the pharmaceutical/biopharmaceutical sector and the vendor community on which it relies. The trajectory of Allotrope Foundation has been one of constant growth and evolution, and will continue to evolve significantly in the near term. While defined as a Product Manager role, in fact the environment bears resemblance to a “start-up” and as such the successful candidate will be called on to play other roles at times, including project and delivery manager. The Allotrope community is broad, diverse and constantly growing with a mission to: Revolutionize the way we acquire, share and gain insights from scientific data, through a community and the framework for standardization and linked data. The job will be challenging, require constant learning and adapting, but ultimately highly rewarding when success does, in fact, revolutionize industries reliant on data from laboratories and manufacturing facilities.

If you're interested in the Product Manager Role please contact the Allotrope Foundation at [more.info@allotrope.org](mailto:more.info@allotrope.org)

