



MDANALYSIS

Expression of Interest

MDAnalysis is looking to hire a contract-based **Technical Writer**. This is a fully remote position (full- or part-time for 200 hours) that will ideally start in Fall 2024. You will have the flexibility to decide how to allocate the contract hours, either part-time or full-time.

The responsibilities of this role are listed below and cover a range of activities to reorganize and consolidate MDAnalysis learning resources to help guide users through a more streamlined workflow.

TECHNICAL WRITER (\$7,000 total for 200 hours, at a rate of \$35/hour)

Role Responsibilities

- **Consolidating materials to remove duplication.** MDAnalysis's User Guide, tutorials, and workshop materials are publicly available under open source licenses and are valuable resources for users. There is, however, a considerable amount of overlapping content across multiple hubs (i.e., main website, user guide, docs, GitHub wiki), making it difficult for self-learners to find the information they need. For example, installation instructions can be accessed from the main website, user guide, docs, and wiki. Alongside the MDAnalysis leadership team, you will be defining the role of and determining which content should be included in each resource. You will be responsible for merging these resources to de-duplicate information and guide users through the user process by incorporating quick jumping between the main hubs of information.
- **Identifying and updating outdated materials.** Despite the importance of the MDAnalysis User Guide in orienting new users, it is difficult to maintain the User Guide documentation, particularly around new version releases. You will identify and update any outdated material according to recent code releases. In addition, you will remove old examples, outdated tutorials, and deadlinks. An eventual goal is to move towards a static user guide that is not tied to core library releases; you will therefore implement these changes with this goal in mind. This will include moving non-automatically generated content from the docs into the User Guide, for example. You will also work to expand current tests for MDAnalysis notebooks and User Guide sections to more easily identify outdated materials in the future.



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- **Differentiating between developer-focused and user-focused resources.** MDAnalysis resources are currently organized such that new users can stumble upon developer-focused content early on. You will thus be tasked with clearly delineating between the API Guide and User Guide. For example, there are some user-focused tutorials that should be moved from the API Guide to the User Guide in order to keep the API Guide more technical.
- **Integrating workshop materials and the MDAnalysis User Guide.** In addition to synchronous learning while participating in MDAnalysis workshops, the workshops are meant to encourage self-learning. As such, you will work to better integrate existing workshop materials and tutorials into the User Guide. Specifically, you will point workshop materials to the User Guide where possible (e.g., descriptions of algorithms, units, etc.).