

Request for Quote: Transformer Model Architecture Research Software Package

Contact:

Sean Kross

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We are accepting proposals from someone with a strong background in Python programming, Python package development and documentation, machine learning, artificial intelligence, and PyTorch. This limited-scope project is to build a Python and PyTorch-based software package to empower transformer model architecture research for biomedical data scientists.

Timeline:

This project would be expected to be completed within 6 months and would be expected to deliver software, documentation, and a matching conceptual framework for modular, iterative construction of transformer models. Specific deadlines for each deliverable will be discussed and agreed upon once the project commences.

Deliverables:

- Transformer Model Framework: A fully functional and flexible transformer model framework developed in PyTorch.
- Python Package: A comprehensive Python package that encapsulates the transformer model framework, ready for deployment and use.
- Documentation: Detailed documentation for the Python package, including setup instructions, usage guides, examples, and troubleshooting tips.
- Testing Infrastructure: Comprehensive software testing demonstrating the efficacy, reliability, and robustness of the transformer model framework.

Send proposals by 3/1 to Sean Kross (skross+pytorch@fredhutch.org). Proposals should include:

- Approach to the deliverables
- CV, website, or profile
- Costs
- Availability and timeline