

Fb II Anglistik – English Linguistics

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**We invite applications for a student assistant (10 hrs/week, for 12 months) in the AdvAnTheMorph project ([www.advantthemorph.uni-trier.de](http://www.advantthemorph.uni-trier.de)).**

Your task will be to help us with a software development project that we are carrying out as part of our research project.

In this project, we will update a classification algorithm (<https://github.com/garfieldnate/Algorithm-AM>), which is currently programmed in Perl and C+, and migrate it to Python. In addition, we will extend this algorithm.

Your task will be to support this project, under the supervision and advice of a well experienced software developer and the linguists in the project. You will be expected to collaborate with all of them.

**Your tasks will involve** (all under supervision and with advice from the project team):

- familiarise yourself with the classifier software
- migrate the software to a standalone Python project
- extend the classifier by a numerical parameter supplied by users

- write a GUI that allows users to run the project using a graphical user interface and that implements reporting features of model measurements (we have already got Python model code for the reporting functionality)
- document all code appropriately
- aid in the publication and release of the software
- additional support tasks, if applicable and within the limits of the hours of your contract

**What we expect:**

- very good competence in Python
- experience in software development projects
- a solid background in linguistics
- good communication skills & very good English skills
- basic understanding of Perl and C+ is a plus

**How to apply:**

Please send a short application to Sabine Arndt-Lappe ([arndtlappe@uni-trier.de](mailto:arndtlappe@uni-trier.de)) in one document. Your application can be rather informal, but please enclose

- a short CV
- information on relevant experience: software projects, etc., incl. at least one link to a sample project or code
- a reference we could contact would also be helpful

**Deadline for application: 19.5.**

**Start of job: as soon as possible**