

Fb II Anglistik – English Linguistics

Prof. Dr. Sabine Arndt-Lappe
arndtlappe@uni-trier.de

Katharina Schuch
schuch@uni-trier.de

We invite applications for a student assistant (10 hrs/week, for 12 months) in the AdvAnTheMorph project (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) 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