Become a Teaching Assistant @DATAx

1,400 first-year students from all disciplines, who will learn the basics of programming and data analysis in 40 exercise groups ... a truly great and exciting challenge that we can't master without you!

For the DATAx project we are looking for 25 teaching assistants from 01.10.2020 until 31.01.2021, who will support this endeavor (~20h/month). As a teaching assistant you will support 10 student learning groups per week (max. 7 persons per group) for 20 minutes each (probably online).

Requirement profile:

- You have an open ear for students, the desire to gain your own teaching experience and to deepen your knowledge.
- You are studying at Leuphana University and are at least in your 2nd semester (remuneration in Bachelor: 10,55€/hour; in Master: 12,27€/hour)
- You have basic programming skills[1] (ideally in Python) and a good didactic sense (see information sheet for the application process[2])
- [Bonus]If you feel confident enough to coach English-speaking study groups, please let us know! With more applications than available positions, this could make the difference.
- [Bonus]We are especially happy to receive applications from non-computer science students. We want to gain role models from all disciplines for our first semester students.

We are looking forward to your feedback to datax@leuphana.de until 01.07.2020.

[1] As programmers we all remain learners! So, don't doubt your competence, the students will understand if you don't have the answer immediately. As a team we will always be able to find a solution. In addition, teaching the basics can be a very satisfying experience, because you will notice what you are already capable of.

[2] See page 2: "Attachment 1: Handout for the application process

Attachment 1: Handout of the application process

The application process will take place exclusively online and you can easily do it from home. We want to check three things through the process:

- Can you solve a small problem with Python[3] on your own? (PART A).
- Can you explain to students what happens in a code segment? (PART B).
- Can you effectively help students who have produced the wrong code? (PART C).

Under the following link you will find a Jupyter Notebook with the task parts A to C. Use a tool of your choice to open the task sheet. On the sheet, work on task A and think about parts B and C. Then use a tool of your choice (e.g. a mobile phone) to record your voice and, if necessary, the screen and thus guide us through parts B and C and briefly present your solution to task A.

Please send your name and these videos[4], including information about your field of study, semester and any relevant previous education (e.g. "I have been learning Python autodidactically for X months/years", or similar), to datax@leuphana.de by July 1st, 2020. Due to the possible size of the file, it is recommended to use a file hosting service of your choice and to send us only an access link.

[3] In our courses we use the programming language Python, accordingly the test tasks are based on Python. However, these do not require you to be Python professionals!

[4] It is recommended to record at least two videos (each for PART B and PART C). You can either present your solution for PART A in a third video, record it in one of the other videos, or attach the code as a Jupyter Notebook (.ipynb format) to the email.