**{{ Name }}**

successfully participated in the program

**{{ Track }}**

with TechAcademy e.V. at Goethe University Frankfurt in the winter semester 2021/2022. The students learned fundamental knowledge about data analysis in Python by attending the following courses on the e-learning platform DataCamp, each taking an average of 4 hours:

{%- if courses|length > 15 %}

|  |  |
| --- | --- |
| {% for course in courses[0:((courses|length)/2 + 0.5)|int] %}   * {{ course }} {% endfor %} | {% for course in courses[((courses|length)/2 + 0.5)|int:] %}   * {{ course }} {% endfor %} |

{% else %}

{% for course in courses %}

* {{ course }} {% endfor %}

{% endif %}

The participants applied their programming skills by analyzing a detailed Spotify data set in small groups. In the course of exploratory data analysis, the participants cleaned, aggregated and merged the data. Afterwards, they visualized key aspects graphically to discover underlying patterns and draw conclusions on them. In a second step, the students developed their own machine learning model that can be used to predict a song’s popularity.

{% if workshops|length > 0 %}{{ Vorname }} also took part in workshops with the following companies: {% endif %}

{%- if workshops|length > 2 %}

|  |  |
| --- | --- |
| {% for workshop in workshops[0:(( workshops|length)/2 + 0.5)|int] %}   * {{ workshop }} {% endfor %} | {% for workshop in workshops[((workshops|length)/2 + 0.5)|int:] %}   * {{ workshop }} {% endfor %} |

{% elif workshops|length > 0 %}

{% for workshop in workshops %}

* {{ workshop }} {% endfor %}

{% endif %}

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**Natnael Fekade** **Georgios Brussas**

**Chairman of the board Co-Chairman of the board**

**Frankfurt, {{ Datum }}**

**About TechAcademy e.V.**

TechAcademy e.V. is a student initiative at Goethe University Frankfurt training the next digital leaders. Students of any discipline get the opportunity to acquire coding skills in Data Science and Web Development programs. Students apply their acquired tech skills in projects, solving real-world problems digitally.

In addition to regular coding meetups, TechAcademy actively supports students in developing and implementing their projects through workshops, lectures, and company visits. In this way, participants gain practical experience in the tech sector while still studying and establish contact with relevant companies. In addition, TechAcademy organizes the annual TechConference — a digitization conference with high-ranking speakers from business, politics and science.

For this voluntary engagement TechAcademy won the national award “Students of the Year 2021”, awarded jointly by the German National Association for Student Affairs (Deutsches Studentenwerk) and the German Association of University Professors and Lecturers (Deutscher Hochschulverband).