



尊敬的老师：

您好！

非常感谢您百忙之中抽出宝贵时间阅读这封推荐信。很高兴能以这样的方式向你们推荐我校优秀的学生孟念。我与孟念在北京大学信息管理系的《Python 数据分析》课上相识。他是“未来领导者项目”的学生，在北京大学获得全额奖学金。我的课程中会展示数据分析的应用场景，如探索式数据分析（EDA）、时间序列分析、机器学习、社会网络分析、图像分析、文本挖掘等。通过一定数量的作业和项目，学生可以将他们的知识应用于现实世界的案例。

孟念毫无疑问是我们班近 100 名学生中最优秀的几个。这门课中很多学生的代码都比较冗长，但孟念能够化繁为简，仅使用几行代码完成复杂的任务，而且逻辑清晰，具有可读性。从他的作业中，我发现他具有从结构化和非结构化数据中提取新颖和有用见解的能力。孟念不仅仅能够高效地完成作业，还帮助我们改进了课程作业（课程作业有的题目因为时间复杂度而存在问题）。他在编写低复杂度的高效算法方面很有想法。

在期末报告中，孟念谈到了将 transformer 模型应用于文本和图像。在他的项目中，孟念远远超出了课堂的范围。他有能力自我学习新的概念，并以全班同学都能接受的方式将其简化。孟念深受好奇心的驱使，喜欢接受挑战。同样重要的是要注意到，整个课堂是用中文进行的。在他的作业和最后的演讲中，孟念展示了对中国文化和语言的高度理解。这种跨文化的交流能力是非常难能可贵的。

在短短的一学期中，我能看到孟念对这个行业的热忱，以及他出众的能力，他会为了公司的佳绩而不断努力！也希望贵公司能给他一个展示自我的舞台！

诚祝事业蒸蒸日上！

步一 博士

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To Whom It May Concern,

Thank you for taking the time to read this recommendation letter I have written to support my outstanding student Niklas Muennighoff. He is studying at Peking University under a full scholarship as part of the Future Leaders Program. I have taught Niklas as part of the Computer Science departments class Data Analytics with Python (Python 数据分析). The course comprehensively covers many real data-analytics scenarios, such as exploratory data analysis, time-series data analytics, machine learning, social network analysis, image data analysis, and text mining. Through regular assignments and projects, students get to apply their knowledge to real-world cases.

Niklas regular assignments have been among the very best in our class of over 100 students. Where other students used countless lines of code, Niklas was able to simplify many steps into few. He has demonstrated the capability to extract novel and useful insights from both structured and unstructured data. Niklas went even beyond just completing assignments and helped us improve part of an assignment which was problematic due to its time complexity. He is very thoughtful about writing efficient algorithms with low complexity.

For his final presentation, Niklas talked about applying transformer models to text and images. In his project, Niklas went far beyond the scope of the class. He demonstrated his ability to self-learn new concepts yet condense them in an accessible way for the entire class. Niklas is deeply driven by curiosity and loves to take on challenges. Niklas followed the entire course material in Chinese. Throughout his assignments and his final presentation, Niklas has demonstrated a high level of understanding of both Chinese culture and language.

Niklas has a deep passion for this industry and is a driven, hard-working individual. Give him a chance to show his abilities and I am sure it will be for the benefit of your organization. I am confident in giving Niklas my highest recommendations.

Sincerely,

A handwritten signature in black ink, appearing to be 'BU Yi'.

BU Yi, PhD

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