

Resume / Job Application

Name

Gender

Birth

Address

Mobile No.

Email Address

This is application to your job vacancy for the data analyst. First, I will briefly state my educational background. I graduated from the Department of Sociology, Korea University. I will present the report and project I wrote during undergraduate terms.

In the first and second semester(Spring & Fall, 2018), I read "광기의 역사 (Madness and Civilization)"(Foucault, 1961/2003) and reviewed it. In addition, I conducted team presentation project on the subject of "Sociological Imagination on 고연전(Korea-Yonsei League)". At the last, I wrote report on "Fake news, Deepfake, and its Solution". Next year(Spring, 2019), I had my first coding experience. The course "데이터로 표현하는 세상(World Expressed as Data)" and "하이퍼텍스트와 계산가능성(Hypertext and Computability)" was my first time learning computer and data science. And In a methodology course, I conducted team reasearch-proposal and survey-making, which is about "Dialect and Discrimination". On the subject of leisure and sociology, additionally, I divided my own week into five items and looked into sociological factors.

End of the year, I was planning to join the army. So I took leave of absence and got I "컴퓨터 활용능력(Computer Specialist in Spreadsheet & Database) Level-I" certificate. Although this was a certificate on office automation, I was able to learn basic computer theory, database theory, and some VBA(Visual Basic for Applications) syntax. Then I served in the army until April, 2021. In the military, I studied coding by myself, mainly about Python programming. I utilized Baekjoon online judge, which is used to solve coding quiz. In the army, I made some programs like "경광등 자동해제기(Auto-Alert Disabler)" to use with peers in army. Through these experiences, I have realized the importance of applying what I have learned, especially making technology friendly to users and existing systems.

In 2021, when I returned to college, I wrote some reports and essays, and importantly, learned R and C for first time. I mainly used quantitative methods. In particular, attention was paid

to emotional aspects such as social support or happiness. I used "서울서베이 도시정책지표조사 (Seoul survey)" data. Using that data, I wrote the following reports: "Emotional Changes of Immigrants in Seoul Due to COVID-19", "Emotional Benefits of Companion Animals for Single-Person Households in Seoul". Regarding the latter topic, I have extended it in other courses and submitted quantitative and qualitative research proposals including sampling methods and scales to be used in the survey. In addition, I wrote variety of reports and essays and conducted team projects, such as report about "Analysis on Environmental Crime of Korean Corporation", using other dataset like "한국사회과학자료원(KOSSDA)" data.

In 2022, when I became junior, there are lots of reports and projects, too. I would like to pay attention to the report on "Changes in Korean Sociology Research Subjects Due to COVID-19" submitted to the "데이터사이언스와 사회학(Data Science and Sociology)" course. In this course, I analyzed metadata of sociology papers which is from "한국학술지인용색인(KCI)", and COVID-19 data from WHO, using R. Since paper metadata has keywords on it, I was able to conduct sociological research using natural language processing(NLP), outside of the traditional quantitative methodology. And this is my first experience to using non-traditional method in sociology report. Additionally, I was able to have a deeper understanding of sociology, which is my major.¹

Through long-term commitment to sociology, further experience in quantitative methodologies, and furthermore, through research in data science that breaks away from traditional quantitative methodologies, I have been able to learn many things. First, I realized the importance of choosing the right tools for my research. Also, I learned how diverse the topics of socially significant meaning can be. Finally, I felt it was very important to think about how such research can change society. And all of this can be summed up in the word "Sociological Imagination". As an analyst with a sociological imagination, I will be of great benefit to your company.

¹ Likewise, I'm only dealing with DSS project here. Because other activities and courses in this year are in progress.