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# Elijah Williams

## Buchanan Fellowship Applicant

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May 2, 2022

Dear readers,

I am writing this application because I want to work on your “Modalities of Text Analysis: Exploring British Periodicals” project over this summer.

I would be excited to join your text-analysis team for a variety of reasons. One is that I am interested in exploring archives through text-mining to find new insights. Furthermore, I would love to become more familiar with using macroscopic analysis techniques to uncover meaningful patterns across a large number (in this case millions) of documents.

For some more information about me and my digital humanities experience:

- I have attended several Data Science Institute workshops on text-mining, transformers, and other NLP-related instruments
- Am familiar with Stanford’s CoreNLP
- Worked on a “Talk to Einstein” and individual projects involving text-classification, topic modeling, and transformers.

To conclude, I greatly appreciate the time you spent reviewing my application and hope to work with you over the summer. I also have posted some information that may or may not be relevant below.

Sincerely,

**Elijah**

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### **Education:**

Vanderbilt University

### **Current GPA:**

3.92

### **Relevant Coursework:**

DHUM 1300 (Computational Humanities)

CS 1104 (Intro to Programming and Problem Solving) and CS2201 (Data Structures)

### **Relevant Experiences:**

“Environmental Chemicals Project” (Feb-Present 2022)

- Learned how to use REDCap to create databases and dashboards to store and investigate information, in this case survey responses

“Jiddu Krishnamurti Project” (March-Present 2022)

- Used 🧙 Transformers to train text-generation model from writings of Krishnamurti, and explored different avenues to connect generated content back training texts.