

Buffett Undergraduate Research Fellowship Opportunity

Arabic Language App

Faculty Mentor: Fatima Khan, Associate Professor, Weinberg College of Arts & Sciences

Project Synopsis: Arabic Students' Dictionary is currently a beta version online tool to help Arabic language learners across the world look up words by root. Students with a background in CS and Arabic can help work to transform the basic online tool into a high-functioning app with a multitude of capabilities such as flashcards, favorites, history, and a share feature. There is currently no tool like this in the world today and the demand for a language app like this is immense. Hundreds of emails come through to ask for an upgrade to the website from China to Austria and South Africa. The students working on this project will be innovating an app design. Funds can be used to travel to premier language institutes and ask students exactly what they are looking for and do use cases as well as testing out features. Once the app is developed, the students working on it will have the experience of building something from scratch that will be used by thousands of daily users.

Project Term: Summer

Project Location: Remote with travel to Egypt

Job Description: Do you have a background in Arabic and coding? Are you interested in working on an app to help users look up words and learn Arabic? Bring your coding and technical skills to transform Arabic Students' Dictionary into a worldwide language learning app with features based on requests from users from all over the world. Students will be organizing the data, designing the user interface, writing code for the app, creating new features, and troubleshooting.

Time Commitment: To be determined

Number of available positions: Two, preselected

