Bowie State University

Department of Computer Science

Virtual Reality Laboratory

Lab Website: <https://sharadonly.github.io/vrlab/>

Computer Science Building, Suite 317 \* 14000 Jericho Park Rd. \* Bowie, MD 20715 \* (301) 860-4502

**Graduate Research Assistant Application**

For consideration you MUST **attach a current resume, personal biographical statement of interest in Virtual Reality, unofficial transcript and two academic references.** Please submit all materials to the Dr. Sharad Sharma, Department of Computer Science (Room 317). Assistantships are limited and submission of this application does not guarantee acceptance into the program

[\_\_\_] New Applicant [\_\_] Renewal Prior Mentor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID# :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: (home) \_\_\_\_\_\_\_\_\_\_\_\_ (work) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (other) \_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Program of Admission: [\_\_] MS Program [\_\_] Doctoral Program

Expected Graduation Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period assistantship is sought (year): FALL \_\_\_\_\_\_\_\_ SPRING \_\_\_\_\_\_\_\_ SUMMER\_\_\_\_\_\_\_

Assistantship type sought: [\_\_] part-time [\_\_] full-time

Number of hours per week available for the position: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Gender:**  [ ] Male [ ] Female

**Ethnicity:** [ ] Native American [ ] Black, not Hispanic [ ] Asian or Pacific Islander [ ]

Hispanic [ ] White, not Hispanic [ ] Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Status:** [ ] US Citizen [ ] Green Card [ ] Visa

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Applicant Signature Date

Bowie State University

Department of Computer Science

<https://sharadonly.github.io/vrlab/>

Computer Science Building, Suite 317 \* 14000 Jericho Park Rd. \* Bowie, MD 20715 \* (301) 860-4502

**Graduate Research Assistant Application**

**Overview**

Thank you for your interest in the Department of Computer Science Graduate Research assistantship. Please read the fellowship guidelines and complete the application. Completed applications can be returned to the Computer Science Department at the address above. Upon review, you will be contacted by the Department directly for an interview, if you are selected. If you have any questions, please contact the Dr. Sharad Sharma, Email: ssharma@bowiestate.edu. Check out our website at <https://sharadonly.github.io/vrlab/>

**ELIGIBILITY**

Eligibility for the assistantship requires admission to a Computer Science graduate degree program and good academic standing.

**BENEFITS**

Graduate students would be paid at an hourly rate of $15-18/hr for 20 hrs/week during regular semesters and maximum of 40 hrs/week in summer.

**RESPONSIBILITIES**

The students are expected to work on various research projects in Virtual Reality, Augmented Reality, Data Science, Data Visualization, Gaming, Artificial Intelligence, Human-Computer Interaction, Agent based Modeling, 3D animation. The students would be expected to work in the VR laboratory and present their work in related conferences/meetings. Students would be working on research projects such as emergency response, evacuation simulation, way finding, battlefield simulation, curriculum module, and online classroom environment. The current list of projects in the VR lab can be found on the Lab website.