 

**Department of Computer Science**

**Virtual Reality Laboratory**

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

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

**Undergraduate Research Assistant Application in VR Lab**

For consideration, you **MUST** attach a current resume to the Dr. Sharad Sharma. Assistantships are limited and submission of this application does not guarantee acceptance into the program

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

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

### Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Telephone No. (s):** Home:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**E-Mail Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Education Level:** [ ] FR [ ] SO [ ] JR [ ] SR

**Major:** [ ] Computer Science [ ] Computer Technology [ ] Mathematics [ ] Natural Science [ ] OTHER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please check:** Research Assistant [\_\_]

**Number of Hours per week available for the position**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Semester:** Fall \_\_\_\_\_\_\_\_\_\_ Spring \_\_\_\_\_\_\_\_\_\_ Summer\_\_\_\_\_\_\_\_\_\_

**The University is required by Federal regulatory agencies to provide admissions and enrollment data by race, sex, and ethnic categories. This data is not used to determine eligibility for participation.**

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

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

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

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

Bowie State University 

Virtual reality Laboratory

Department of Computer Science

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

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

**Undergraduate Research Assistant Application**

**Overview**

Thank you for your interest in the Department of Computer Science Undergraduate 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 undergraduate degree program and good academic standing.

**How to Apply**

Interested students should send their resume and application form at Email:ssharma@bowiestate.edu

**BENEFITS**

Undergraduate students would be paid at an hourly rate of $12/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 Data Science, Data Visualization, Virtual Reality, Augmented Reality, Gaming, 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. Student must demonstrate satisfactory performance in the assigned area as specified in the letter of appointment.

**Benefits**

May include:

* Bi-weekly payments
* Tuition (in-state)
* End of semester scholarship award –onetime payment

**Duration**

The terms of acceptance are in effect for one semester only.