

Department: Engineering

Working Title: Research Assistant

Classification: Instructional Student Assistant

Number of Openings: 2

Pay Rate: \$17.86/hr

Appointment: 10 hours per week

Expected Dates of Employment: 5/23/26-8/23/26

Deadline to Apply: 5/20/26

Requisition #: ENGIN_RESEARCH_ISA_SUM26

DUTIES OF THE POSITION

Building a digital twin of a vineyard with anomalous data input from AI detection methods. Duties include research appropriate methods and processes, design the software for optimal user experience, create, test, deploy, troubleshoot software using Unreal Engine gaming engine. Data inputs can include 360 videos, 360 images, drone footage, gaussian splat imagery. Students will work on campus in the lab. Team meetings will be weekly.

MINIMAL QUALIFICATIONS

The ability to learn and perform assigned work; work cooperatively with faculty, staff, and other students; and accept responsibility. Completion of specific coursework may be required in order to teach, grade, complete research, or tutor for a course. Admission or registration as a university student. Note: Exceptions to the minimum eligibility qualifications may be granted at the sole discretion of the University.

HIRING CRITERIA

Must have prior experience with Unreal Engine and working with virtual reality applications. Must have experience working with 360 images, videos, and 3D models.

HOW TO APPLY

Email sara.kassis@sonoma.edu

HIRING NOTIFICATION

Email from sara.kassis@sonoma.edu

SUPERVISOR - Sara Kassis

OTHER INFORMATION

- The classification, Instructional Student Assistant, is one of three classifications in a collective bargaining unit, Unit 11. Instructional Student Assistants, who must be currently enrolled University students, perform tutoring, grading, or teaching-related duties under the supervision of faculty or professional staff.
- Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee's identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act.
- The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.
- This position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.
- Successful candidates may be required to do a background check (including a criminal records check) before work in the position can begin.

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1801 East Cotati Ave.
Rohnert Park, CA 94928