

Department: **Engineering & Computer Science**

Working Title: **Undergraduate Research Assistant**

Classification: **Instructional Student Assistant**

Number of Openings: **1**

Pay Rate: **\$20/hour**

Appointment: **10 hours/week**

Expected Dates of Employment: **September 1, 2025 to December 12, 2025**

Deadline to Apply: **August 25, 2025**

Requisition #: **ENG&COMPSCI\_ISA\_FALL25**

## **DUTIES OF THE POSITION**

The student will work on a funded grant in close collaboration with a faculty member and graduate student at the University of Central Florida. The student is expected to refine and document existing software that analyzes the Common Vulnerabilities and Exposures (CVE) database as well as the Linux kernel development logs and models their mathematical relationship. The student will be expected to introduce other students to the design and operation of this software.

## **MINIMUM 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**

Required: grade of B+ or higher in CS 315 or equivalent, with equivalent C/C++ proficiency. Grade of A- or higher in CS 252 or equivalent. High level of reliability, initiative, and professionalism. Preferred: Strong mathematics background.

## **HOW TO APPLY**

Email to [rivoire@sonoma.edu](mailto:rivoire@sonoma.edu)

## **HIRING NOTIFICATION**

Email from Suzanne Rivoire ([rivoire@sonoma.edu](mailto:rivoire@sonoma.edu))

## **SUPERVISOR**

Suzanne Rivoire, Professor of Engineering & Computer Science

## 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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