Arizona State University

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13-Sep-2024
Scientific Software Engineer (FWS Eligible)
Student Worker IV
104574BR

Job Description

The Computational Research Accelerator, a unit in ASU's Research Technology Office, researches and promotes hardware and software solutions to computational researchers at Arizona State University. It is dedicated to scaling and accelerating research by enabling cutting-edge technologies which can be run on the ASU's Top500 ranked High Performance Computing (HPC) cluster, Sol. Services include consultations, high-level scientific and technical user support, and the education and training required to help researchers make full use of modern HPC technology as well as national supercomputing resources.

Student Recruitment Type	**Campus/Location**
Student Hire Hourly	Campus: Tempe
Department Name	**Full-Time/Part-Time**
RTO Research Computing	Part-Time
VP Code	**Scope of Search**
KNOWLEDGE ENTERPRISE DEV	Open

Grant Funded Position

This is not a grant funded position and is not contingent on future grant funding.

Salary Range	**Close Date**
$17.40 - $20.00 per hour; DOE	27-September-2024

Essential Duties

- Working as part of an existing team, possibly developing and delivering training, and engaging in outreach activities designed to advance research
- Engaging in software engineering projects incorporating either 1) high performance computing 2) accelerators (e.g. GPU) 3) novel architectures (e.g. quantum hardware)

Minimum Qualifications

This classification is limited to teaching/research aide type work or those positions requiring highly specialized skills and/or technical knowledge.

Desired Qualifications

- Experience with at least one programming language.
- Good communication skills

Working Environment

- Climate-controlled office setting subject to extended periods of being in a stationary position.
- Constantly detects and operates a computer and other office productivity machinery, such as a calculator, copy machine and computer printer.

- Ability to clearly communicate and exchange accurate information to perform essential duties.
- Expected to be responsive to customers, engaged in work production, resourceful, flexible, and respectful of others.

Department Statement

For the ninth year in a row, ASU has been named the most innovative school in the nation, recognizing the university's culture of groundbreaking research and partnerships, as well as its commitment to helping students thrive in college and beyond. U.S. News and World Report has named

ASU as the most innovative university all nine years the category has existed.

ASU Knowledge Enterprise advances research, innovation, strategic partnerships, entrepreneurship, and international development. Our success arises from solutions-focused, interdisciplinary research; an entrepreneurial approach that is embedded in every school and department; and a commitment to transform society in a positive way. To learn more about how Knowledge Enterprise is a place for your career to grow, visit https://research.asu.edu/about-us/careers.

ASU Statement

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 100,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

ASU is a tobacco-free university. For details visit https://wellness.asu.edu/explore-wellness/body/alcohol-and-drugs/tobacco

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law.

Notice of Availability of the ASU Annual Security and Fire Safety Report
In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf. You may request a hard copy of the report by contacting the ASU PD at 480-965-3456.

Relocation Assistance – For information about schools, housing child resources, neighborhoods, hospitals, community events, and taxes, visit https://cfo.asu.edu/az-resources.

Instructions to Apply

Application deadline is 3:00PM Arizona time on the date indicated.

Please include all employment information in month/year format (e.g., 6/88 to 8/94), job title, job duties and name of employer for each position.

Resume and cover letter should clearly illustrate how prior knowledge and experience meets the Minimum and Desired qualifications of this position.

ASU does not pay for travel expenses associated with interviews, unless otherwise indicated.

Only electronic applications are accepted for this position.

IMPORTANT NOTE: What is the meaning of "equivalent combination" in the minimum qualifications? It means one year of higher education or 24 credit hours, is equal to one year of experience. For example, a four year Bachelor's degree is equal to four years of experience.

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