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09-Sep-2024
Software Assistant (FWS Eligible)
Student Worker II
104397BR

Job Description

The Thunderbird Innovation and Learning Experience team is looking for skilled applicants with Python coding experience. In this role, you will take part in an internship-like experience working on impactful projects to help Thunderbird expand their AI and learning technology portfolio. Projects will include AI based bots, collaboration software for touch tables and interactive globe, and working within 3d game engines such as Unity and Unreal. Other duties will include helping run the innovation lab. These duties include and are not limited to 3d printing, running the Positron 4d chair, Oculus VR, setting up language lab.

Student Recruitment Type

Student Hire Hourly

Campus/Location

Campus: Downtown Phoenix

Department Name

TSGM Administration

Full-Time/Part-Time

Part-Time

VP Code

VP/EXEC VICE PROV DPC

Scope of Search

Open

Grant Funded Position

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

Salary Range

\$14.75 per hour

Close Date

12-September-2024

Essential Duties

- Develop software applications writing clean, efficient code based on specifications.

- Extract, manipulate, and store data from a wide variety of sources.
- Develop back-end and front-end components to improve responsiveness and overall performance.
- Design, develop, test, document and maintain software applications.
- Review, modify and rewrite existing software to optimize it or adapt it to fit new requirements.
- Research, evaluate and implement third-party products and vendor applications.
- Enforce and maintain technical standards, performs design and code reviews for the development team through implementation of best practices and technical standard.

Minimum Qualifications

Requires previous knowledge or skill and/or equivalent experience or training.

Desired Qualifications

- Available to work approximately 20 hours per week on site.
- Currently a full-time student pursuing undergraduate or master's degree in an engineering discipline.
- Experience as a Developer working with Python.
- At least two years of thorough experience in developing Python applications.
- C#/C++ or similar experience is a nice to have.
- Experience in coding front end UI's.
- Proven experience creating web-based visualizations using JavaScript.
- The ability to implement theoretical concepts and mockups into real products and solutions.
- Familiarity using agile project management software, preferably Monday.com.
- Experience writing unit tests, functional tests and code deployments.

Working Environment

- Activities are performed in an environmentally controlled office setting subject to extended periods of sitting, keyboarding, and manipulating a computer mouse (75%); required to stand for varying lengths of time and walk moderate distances to perform work (10%).
- Frequent bending, reaching, lifting, pushing and pulling up to 25 pounds (5%).
- Regular activities require ability to quickly change priorities which may include and/or are subject to resolution of conflicts.

- Ability to clearly communicate verbally, read, write, see and hear to perform essential functions.

Department Statement

The Thunderbird School of Global Management at Arizona State University is one of the finest global leadership and global management schools in the world with both graduate and undergraduate students. Solutions for the planet mean developing problem-solvers from around the globe. From our world-renowned faculty representing six continents to hundreds of outstanding students who join us every year from around the world, the Thunderbird School of Global Management welcomes diversity and encourages quality and great value. It is one of the top global leadership and global management schools in the country, highly ranked for academics, practical research, and student outcomes.

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>.

Background Check Statement

ASU conducts pre-employment screening for all positions which includes a criminal background check, verification of work history, academic credentials, licenses, and certifications. Employment is contingent upon successful passing of the background check.

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

Applicant must be eligible to work in the United States; Thunderbird School of Global Management will not be a sponsor for 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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