

Posted: February 20, 2024



POSITION ANNOUNCEMENT

TITLE: STUDENT INTERN (3)

DEPT: ICASA

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$15.00-\$20.00

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.

INTERNAL POSTING THROUGH: Concurrent* CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

JOB SUMMARY:

Under direct supervision and mentorship of professional staff and/or faculty, the employee undertakes a range of on-going activities and assigned projects of varying levels of professional complexity requiring a level of knowledge achieved by a high school student interested in pursuing a Bachelor's of Science degree within an area of advanced technical specialty. The employee works as a member of an operating team, and directly interacts with colleagues and/or other internal/external constituencies in the designing, planning and implementation of projects, and in the execution of assigned projects and tasks, under the guidance of more senior technical professional personnel.

JOBS FUNCTIONS:

- Provides high school student-level computer science and engineering technical services, under supervision of more senior professional staff and/or faculty personnel, as appropriate to the day-to-day operating objectives of the unit. 12%
- Participates in computer science and engineering technical design projects and programs designed to develop professional skills and expertise that will support the units design and/or advanced technical needs. 11%
- Participates in the design, planning and implementation of unit projects and initiatives within engineering, computer science or advanced technical areas of expertise. 11%
- Interacts directly with colleagues, clientele, and/or other internal or external constituencies in the planning of assignments and the resolution of day-to-day operational problems. 11%
- Receives guidance, training, and mentoring from more senior professional personnel in designing, planning and carrying out activities and assignments. 11%
- As appropriate to the position, and as specified by unit management, conducts original design and/or research and prepares reports based on findings, to included recommendations or alternative proposals for action. 11%
- May provide day-to-day guidance and support to student employees and/or interns within area of specialty. 11%
- May undertake related studies or enrichment programs as appropriate to the specific objectives of the operating unit. 11%
- Performs miscellaneous job-related duties as assigned. 11%

REQUIRED QUALIFICATIONS:

Ability to communicate effectively, both orally and in writing. Ability to understand and follow complex, detailed technical instructions. Ability to work both independently and in a team environment. Demonstrated knowledge and understanding of information security, computer architecture, and networking. Demonstrated knowledge of at least one or more programming languages. Ability to work with more than one operating system. Skills in

network programming, system testing, virus and malicious code defense and Cryptography. Skills in computer hardware, knowledge such as FPGA, VHDL, Low Level Program. Skills in software tools such as IDA Pro, VMware, Wireshark. Skills in programming/scripting languages such as C, C++, C#, Java, Python, Ruby, SQL. Must be a US citizen.

DESIRED QUALIFICATIONS:

High School (or GED) level ability in spelling, grammar, composition and math.

LIFTING REQUIREMENTS:

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	O
15 - 30 pounds	
30 - 50 pounds	
50 - 100 pounds	
100 + pounds	

PHYSICAL DEMANDS:

Standing 20%	Sitting 60%	Walking 20%	Pulling
Pushing	Lifting 10%	Stooping	Kneeling
Crawling	Climbing	Reaching	Other

Apply to: nmtjobapps@npe.nmt.edu