Posted: November 18, 2026

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY

POSITION ANNOUNCEMENT

TITLE: SOFTWARE DEVELOPER I **DEPT: ICASA**

REG ☑ TEMP ☐ FULL TIME ☑ PART TIME ☐

STARTING RATE or SALARY RANGE $65,000 - $75,000
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: 12/02/2026* 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:

The Developer I will support the Institute for Complex Additive Systems Analysis (ICASA), a research division of New Mexico Institute of Mining and Technology (NMIMT) in a full spectrum of software design, development, test and implementation and technology transfer of ICASA's analytical tool-sets to the customer. The Developer I will provide technical contract support to ICASA's customer base and provide internal support where needed. The candidate will work in an innovative and collaborative environment to address national security challenges through research and development in data science, geospatial science, computer science, complex systems, artificial intelligence, and machine learning. Following their first year of employment, a hybrid work arrangement may be possible for the right candidate in accordance with NMT's Flexible Work Policy. Visa sponsorship is not available for this position.

JOB FUNCTIONS:

• Assist in the design of a variety of frontend/backend applications and interfaces.
• Build, test and deploy various frontend/backend applications and interfaces.
• Participate in design and code reviews.
• Follow agile principles, frameworks and methodologies.
• Utilize version control and continuous integration/continuous delivery methods.
• Adhere to established debugging, unit and acceptance testing strategies.
• Performs complex problem solving and assistance on diverse software applications and hardware systems for staff and customers.

• Assists research scientists and senior engineers in research and development initiatives.
• Consistently and comprehensively creates documentation on software and systems development.
• Participates in continuing education initiatives including instruction and training on new software and systems.
• Is knowledgeable and respectful of relevant hardware, software, cybersecurity, emerging technologies, industry trends, applicable laws, regulations, standards and/or systems.
• Performs miscellaneous job-related duties as assigned.

REQUIRED QUALIFICATIONS:

Bachelor's Degree in Computer Science, Software Engineering, Software Development or related field. • 1+ years' work experience using software development practices • Experience with a variety of open source programming languages, libraries and frameworks. • Experience working on teams, effective time management and interpersonal skills. • Excellent oral and written communication skills. Must be a U.S. Citizen and able to obtain and maintain a Top Secret/SCI level security clearance.

DESIRED QUALIFICATIONS:

• Experience with agile methodologies (e.g., SCRUM, Kanban, etc.) • Full stack software development experience • Experience in Java, Python and their ecosystems • Experience with Typescript/Javascript/HTML/CSS/REST/JSON and other common web related libraries and frameworks such as React/Angular/Vue • Experience developing and maintaining various backend databases (SQL, NoSQL) • Experience in version control systems and workflow with Bitbucket, Github, etc. • Experience with JIRA and Confluence

LIFTING REQUIREMENTS:

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

0 - 15 pounds	F
15 - 30 pounds	F
30 - 50 pounds	O
50 - 100 pounds	S
100 + pounds	N

PHYSICAL DEMANDS:

Standing 5%	Sitting 75%	Walking 5%	Pulling
Pushing	Lifting 5%	Stooping 5%	Kneeling
Crawling	Climbing	Reaching	Other 5%

Apply to: nmtjobapps@npe.nmt.edu