Software Engineer - CSD - School of Computer Science

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Type: Full-Time
Posted: Today
Category: Software Engineer/Programmer
Military

Carnegie Mellon University is a private, global research university that challenges the curious and passionate to deliver work that matters. Our world-class institution has distinctive areas of excellence and a culture marked by ambition and a deep, practical engagement with challenges facing society. We continue to produce talented alumni and draw faculty and staff eager to be a part of the university's creative, dedicated and close-knit community. We place emphasis on practical problem solving, interdisciplinary learning, a visionary spirit, and collaboration.

The Computer Science Department (CSD) is one of the seven academic departments in the Carnegie Mellon School of Computer Science (SCS). Our environment is demanding and fast-paced, but it's also innovative, flexible, and highly collaborative. Computer Science at Carnegie Mellon is also distinctive for our research style, educational programs, commitment to diversity, culture and organizational structure.

We are looking for a Software Engineer to work on an Agentic AI project for document understanding, especially in the legal domain.

Core Responsibilities

- Working with databases and software development
- Machine learning and AI model development (LLM)
- Collect, verify and manage data
- Data analysis
- Gather input for functional specifications and requirements
- Maintain technical documentation

Flexibility, excellence, and passion are vital qualities within the School of Computer Science Research Department. Collaboration and cultural sensitivity are valued competencies at CMU. Therefore, we are in search of a team member who is able to effectively interact with a varied population of internal and external partners at a high level of integrity. We are looking for someone who shares our values and who will support the mission of the university through their work.

Qualifications

- Bachelor's Degree in Computer Science or a related field
- Experience with data collection, analysis and research methods
- Good experience with machine learning
- Experience with LLM's and/or AI models
- Experience with cloud deployments and databases.
- A combination of education and relevant experience from which comparable knowledge is demonstrated may be considered.

Additional requirements

Successful background investigation

Joining the CMU team opens the door to an array of exceptional benefits.

Benefits eligible employees enjoy a wide array of benefits including comprehensive medical, prescription, dental, and vision insurance as well as a generous retirement savings program with employer contributions. Unlock your potential with tuition benefits, take well-deserved breaks with ample paid time off and observed holidays, and rest easy with life and accidental death and disability insurance.

Additional perks include a free Pittsburgh Regional Transit bus pass, access to our Family Concierge Team to help navigate childcare needs, fitness center access, and much more!

For a comprehensive overview of the benefits available, explore our Benefits page.

At Carnegie Mellon, we value the whole package when extending offers of employment. Beyond credentials, we evaluate the role and responsibilities, your valuable work experience, and the knowledge gained through education and training. We appreciate your unique skills and the perspective you bring. Your journey with us is about more than just a job; it's about finding the perfect fit for your professional growth and personal aspirations.

Are you interested in an exciting opportunity with an exceptional organization?! Apply today!

Location

Pittsburgh, PA
Job Function

Software/Applications Development/Engineering
Position Type

Staff - Regular
Full Time/Part time

Full time
Pay Basis

Salary
More Information:

- Please visit **"Why Carnegie Mellon"** to learn more about becoming part of an institution inspiring innovations that change the world.
- Click here to view a listing of employee benefits
- **Carnegie Mellon University is an Equal Opportunity Employer/Disability/Veteran**.
- **Statement of Assurance**

Carnegie Mellon University does not discriminate and Carnegie Mellon University is required not to discriminate in admission, employment, or administration of its programs or activities on the basis of race, color, national origin, sex or handicap in violation of Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973 or other federal, state, or local laws or executive orders.

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