Nebraska Research Enterprise Apprenticeship Program
Research Software Development Apprentice

- ✓ *Are you interested in software development to improve automation and reduce frustration?*

- ✓ *Would you like to learn application programming interfaces for full stack development?*

- ✓ *How about helping set up UNL generative AI and large language models (like ChatGPT)?*

If yes, the Office of Research and Innovation invites you to apply for an apprenticeship in its Research Finance division with Software Development. Our unit provides software development services for the UNL Office of Research & Innovation. We provide full stack services ranging from creating online forms to designing databases and data visualizations.

Responsibilities

The Software Development apprentice will assist with oversight of existing automation by checking that system-generated content matches system-generated reports. Other duties include development of new (front-end) software including online forms and DocuSign templates and assisting with development and testing of new automated systems including generative AI.

Qualifications

Competitive applicants will have completed sophomore-level courses or higher and will be available to work in-person 15 to 20 hours per week throughout the academic year during standard office hours (8am-5pm Monday through Friday). Summer hours may be available. A two-year commitment is required.

Competitive applicants will have:
- Completed Computer Science I and/or strong programming background
- Basic experience with internet programming (JavaScript, HTML, CSS)
- Basic experience with relational databases (MySQL or MSSQL)
- Attention to detail

Benefits

This is an excellent opportunity for students to embark on a career in software development. Apprentices will receive training that provides them with highly marketable skills, including:
- Software Automation and Generative AI
- Internet Programming (JavaScript, HTML, CSS)
- API Development
- Google Workspace, DocuSign, Tableau (and more)

NREAP Apprentices will earn $19.00 per hour in their first year with the possibility of a performance-based raise for the second year.

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