

Part-Time Position for Grad Student in Computer Science/Math

August 24, 2026

Earth Science Associates builds analytic tools and data systems for geologists, geophysicists and engineers. We are seeking a master's or doctoral candidate in computer science or mathematics with practical experience in Python, artificial intelligence modeling and knowledge of JavaScript, VB.net, AI coding assistants (e.g. Codex) and machine learning. Knowledge of ArcGIS is a bonus.

A variety of projects are under way including:

1. Automatically identifying updates to data and notifying users,
2. Applying voice-to-text in an existing web-based LLM application,
3. Identifying specific photos/text/tabular data in PDFs and images, indexing them and harvesting tabular data,
4. Developing machine/deep learning code to match waveform patterns to analogs in a large waveform database and
5. JavaScript to read coordinates from user-loaded files and to export GIS output.

Work would be in our Long Beach office on Mondays and Wednesdays this fall, with possible extension to the spring. We anticipate 16 hours per week. A competitive salary will be matched to knowledge and background. Applicants should send a resume and a statement of how their skills and experience meet our needs. Address them to Syeda Zaidi (syeda@earthsci.com). We anticipate filling the position before mid-September.

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