

Job GIS Intern
City of Cambridge IT Department

Posting Date: 1/31/22
Closing Date: until filled

The City of Cambridge is looking for a part-time GIS Intern. This position will involve GIS data maintenance and review, ArcGIS Online (AGOL) project work, and use and integration of 3D within GIS. The ideal candidate will have at least one year's experience using ESRI ArcGIS, AGOL, and worked with relational databases. Experience with Python Scripting, 3D, ArcSDE or SQL Server a plus.

Essential Duties and Responsibilities

- Maintain, edit, and develop maintenance procedures for citywide geodatabases using ESRI ArcGIS software.
- Work with the City GIS staff to ensure that newly developed databases and map products meet City GIS standards for accuracy, content, and documentation.
- Assist GIS Staff and City Department project leads with the development and maintenance of ArcGIS Online applications, including ArcGIS Story maps, Dashboards, and various other mapping tools.
- Work with GIS user departments in meeting GIS project, analysis, and mapping needs.
- Work with relational SQL databases.
- Provide user support for ArcGIS questions, projects, etc.
- Assist Cambridge GIS staff with the development and maintenance of 3D data, applications, and visualizations.

Minimum Qualifications

- Enrolled in or completed bachelor's degree program with major course work in GIS, Geography, Cartography, Land Sciences, Computer Science or related subject area.
- Minimum 1-year experience in using ESRI's ArcGIS Desktop software.
- Experience in data manipulation and analysis using relational databases.
- Operating Systems: Windows

Knowledge, Skills and Abilities

- Excellent communication, interpersonal and analytical skills
- Ability to work with other IT staff in integrating databases and technologies.
- Ability to work with other non-IT staff in determining specific GIS project and department needs
- Strong organizational skills
- Knowledge of either ArcGIS Desktop or ArcGIS Pro, Python, SketchUp, AR, VR, or VR development software is a plus

Salary range

\$20 per hour

Hours

20 hours per week, possibility of full time hours on a short-term basis.

Please provide a cover letter and resume and e-mail to:

GIS-Recruiting@cambridgema.gov