

Adjunct Teaching Opportunities Rochester Institute of Technology (RIT) in Games and GIS

The School of Interactive Games and Media (IGM) (<https://www.rit.edu/computing/school-interactive-games-and-media>) at the Rochester Institute of Technology (RIT) (<https://www.rit.edu/>) located in Rochester, NY USA has a growing program at the intersection of Geographic Information Science and Technology (GIS &T) and game development.

IGM is a unique game development program that has embedded game development with GIS (<https://www.rit.edu/study/geographic-information-systems-minor>) for the field of geogames/location-based games.

IGM features the Niantic x RIT Geo Games and Media Research Lab (<https://www.rit.edu/nianticgeogameslab/>) and the Center for Geographic Information Science & Technology (<https://www.rit.edu/gccis/geoinfosciencecenter/>), and collaborations with RIT's Media, Arts, Games, Interaction, and Creativity (MAGIC) Center (<https://www.rit.edu/magic/>), Chester F. Carlson Center for Imaging Science (<https://www.rit.edu/science/chester-f-carlson-center-imaging-science>), and the Global Cybersecurity Institute's Cyber Range (<https://www.rit.edu/cybersecurity/cyber-range>).

We are looking to hire adjuncts to teach GIS and Game Development courses, as discussed below.

Requirements:

1. MS or PhD in Geography, Computer Science, Information Technology, Environmental Science or other relevant areas; 2. Esri GIS technology Experience: ArcGIS Pro, ArcGIS Online, City Engine; 3. Technical Skills: Python, C++, HTML, graphic design, spatial database administration, Unity (for geogames courses).

Desirable Attributes:

1. Previous undergraduate and graduate teaching experience; 2. GIS&T and/or game development industry experience.

(Geo)games Teaching Assignments:

1. Game Development in C++/OpenGL;
2. Gameplay Programming in Unity;
3. Advanced Topics in Geogames.

GIS Teaching Assignments:

1. Introductory GISystems courses based on Esri desktop software (undergraduate and graduate); 2. GIS programming and application development courses for web, mobile and desktop platforms; 3. Geospatial Analysis and Spatial Statistics courses.

Adjuncting at RIT:

1. RIT offers excellent benefits (https://www.rit.edu/fa/humanresources/sites/rit.edu/fa.humanresources/files/docs/Adjunct_Benefits_Summary.pdf) for adjuncts; 2. For the fall 2021 semester, adjuncts have the option of in-person hybrid or online modalities.

Contact:

Please send a brief letter of interest and a resume/CV to Brian Tomaszewski, Ph.D.: bmtski@rit.edu