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WHEN:

October 28, 2015 @ 12:30 pm
– 5:00 pm



(<http://www.nysgis.net/nygeocon2015/calendar/>)



OCT 28 ([HTTP://WWW.NYSGIS.NE](http://www.nysgis.net))

Wed. , October 28, 2015;

12:30 pm – 2:30 pm: 3 workshops: Python, Javascript, ESRI (mobile);

3:00 pm – 5:00 pm: Presentation Workshop:

Wed. , October 28, 2015; 12:30 – 2:30

Python Programming for ArcGIS

Description

Python is a general-purpose programming language which has been adopted as the scripting language of ArcGIS. This combination provides limitless opportunity for customization, modeling, and process automation of GIS. In this workshop you will learn the key elements of the Python language as well as ArcPy, the interface between ArcGIS and Python. Additionally, you will learn the important concepts of application development so that you will be able to approach a software solution logically. In addition, these skills will help you to work effectively with consultants and other programmers. The emphasis will be upon providing foundations to help you develop tools, particularly in conjunction with software professionals. Although not required, you will benefit greatly by bringing your own laptop (with Windows 7 or higher).

Biography #1: Carol Goodman Zollweg is currently Senior GIS Application Developer at Bergmann Associates in Rochester, NY. She has over 25 years of experience as a software developer.

Biography #2: James Zollweg, Ph.D., is Associate Professor of GIS and Water Resources at the College at Brockport. He has taught all elements of GIS to widely-varied audiences for the past 20 years.

Intro to Javascript Programming For Web Mapping

Description

This workshop will teach attendees the fundamentals of Javascript programming and how the language is used to create web maps. During the workshop attendees will gain hands on understanding of how Javascript is used to leverage open source geospatial libraries such as Leaflet and mapping services such as Mapbox. Attendees will be editing/developing their own code starting with a code base provided by the instructors. At the end of the workshop attendees will have a working web mapping application and code that they can improve on in their own time. Depending on time, attendees will also get a primer on code management tools such as Git and Github and Amazon Web Services. This is a basic course but people with Javascript experience are welcome. Attendees will be required to bring their own laptop that is capable of wireless internet access

and is loaded with their favorite text editor. The instructors will provide a code base a week before the workshop starts (via Github and Amazon S3) that attendees will use as their starting point for the workshop. Attendees will be required to download the code base to their machine before the workshop begins.

Biography #1: Nate Marquardt is a full-stack web application developer at NBT Solutions in Buffalo, NY. Nate graduated from University at Buffalo with a BA in Media Studies, specializing in digital arts production and game design. He has since worked in the eCommerce web design/graphic art industry and has now settled into the realm of GIS application design and development. When not climbing, biking, or hiking, he's working on awesome GIS applications, with an eye for user interfaces and experiences. He loves learning about new tools and features just as much as teaching about them, and is always excited to hear about the latest Javascript framework or library.

Biography #2: Lizzi Slivinski is the newest member of the NBT Solutions Team. Since coming aboard in May, Lizzi has brought her passion for building highly functional and user-friendly web mapping applications to her role as a Front End Developer. Before coming to NBT, Lizzi worked as a Web GIS Specialist with the Association of State Floodplain Managers, where she specialized in creating data visualization and mapping tools. Lizzi has 2 years experience developing web applications using Javascript and Javascript libraries such as Leaflet, D3, and Mapbox. Lizzi earned her Graduate Certificate in GIS, and Bachelor of Arts in Geography and Political Science from the University of Wisconsin – Madison.

Esri: Location-enabling an increasing mobile workforce

Description

This workshop will focus on the increasing need for location technology to support mobile patterns of access use. From field workers to executives to constituents and customers the demand for location-enabled applications is in higher demand than ever and growing. Using the ArcGIS platform we will describe the most common mobile technology workflows and how GIS can be deployed to support them. Hands-on lessons will be provided to allow attendees to author and deploy their own location-enabled mobile solutions. Prerequisite: a current Windows, Android or iOS-based mobile device (phone, tablet, etc).

Biography #1: Sam Berg is a Solution Engineer with Esri's State Government

Team. In his many years with the company he's developed skills in all aspects of Esri's ArcGIS Platform, including the location-enable mobile solutions being presented in the workshop.

Biography #2: Paul Rooney is an Account Executive with Esri's State Government Team. He's been with Esri since 1999 in a wide variety of sales roles, always serving public sector customers. Currently he and Sam are part of the Esri Team serving New York and Massachusetts State Agencies. They are also both proud graduates of SUNY ESF.

Wed. , October 28, 2015; 3:00 – 5:00

Public Speaking with Dan Nainan

Description

Dan Nainan is a comedian who enjoys helping others in their efforts to become better public speakers. His greatest reward is when he is able to see people he has taught utilizing what they have learned in their public speaking. Most people in their professional career will have to speak before a group at some point. For many, this can be a very nerve racking and terrifying experience. This workshop will teach even the most shy person how to overcome fears of speaking before a group of people. Even those who have been public speaking for years will want to attend to learn how to eliminate some bad habits or improve their methods.

Biography: As a senior engineer with Intel Corporation, Dan Nainan designed and presented highly technical demonstrations on stage with Intel Chairman Andy Grove at high-profile events all over the world. He took a comedy class to help get over the fear of public speaking at these events, at which the audiences numbered in the thousands, or sometimes in the millions on television. The "final exam" for the comedy class was a performance at the Punchline Comedy Club in San Francisco, a performance which was a resounding success. Dan's Intel coworkers, upon viewing the videotape, invited him to perform at a team dinner for 200 employees at the Consumer Electronics Show in Las Vegas. Upon seeing that performance, the organizers of Intel's annual sales conference asked Dan to perform for 2,500 salespeople from around the world. His dead-on impressions of Andy Grove and American presidents had the audience rolling in the aisles at 8 a.m. on a Monday morning. Many in the audience thought that

he had been hired as a professional comedian, in what was only his third comedy performance ever. (<http://www.danielnainan.com>)

Who We Are

The NYS GIS Association represents the interests of the entire geospatial community within New York and is the premier statewide professional organization for GIS and related industries. More info

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