Ryan Cooper

⚲ Lexington, KY

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Relevant Experience

GIS Technician
📅 04/2014 - ongoing
📍 Georgetown, KY

Georgetown-Scott County Planning Commission

Servicing the planning and development needs for the people of Scott County, Kentucky

- Collaborated with citizens, business partners, and public officials to create custom print and web map products
- Maintained local thematic and parcel datasets
- Designed and maintained new GSCPC website (www.gscplanning.com)
- Developed educational materials to help residents use mapping technology (gscplanning.github.io/tutorials/)
- Worked with planners to develop and visualize a proposed county-wide trail network
- Presented on web mapping at professional conferences (KAPA, 2014; KAMP 2014; NACIS 2015 [forthcoming])

Asset Information Technician
📅 12/2013 - 04/2014
📍 Lexington, KY

Kentucky Utility

Providing electricity for Central & Eastern Kentucky

- Mapped installation and removal of distribution services and meters in the Lexington and Midway KU service areas using Smallworld
- Ensured the accuracy of the distribution services with regular field checks
- Adhered to departmental best practices to maintain consistency in LG&E-KU's distribution databases

Teaching Assistant
📅 08/2011 - 05/2013
📍 Lexington, KY

University of Kentucky, Department of Geography

Geography education at Kentucky's flagship, landgrant university

- Led weekly discussion sections and provided individual support for introductory GIS/digital mapping courses
- Provided technical support for undergraduate/graduate students involved in GIS-based community partnership projects
- Developed and coordinated course curriculum in cooperation with fellow teaching assistants and professors

Teaching Assistant
📅 08/2010 - 05/2011
📍 Muncie, IN

Ball State University, Department of Geography

Led weekly lab and provided individual support for introductory physical geography class, developed supplemental academic materials for students

Geography Tutor
📅 08/2007 - 05/2009
📍 Muncie, IN

Ball State University Learning Center

Assisted clients with course work for undergraduate physical and human geography courses, assessed client progress, adapted tutoring sessions based on client progress and learning style

- Also worked here 8/2010 - 5/2011 during graduate studies

Projects

maptimeLEX

Founder and Organizer for Lexington's maptime chapter

- Organized monthly meetups for beginner-centric mapping workshops
- Developed and presented workshops on open source mapping technology
- Solicited the talents of local mappers and developers to present on their areas of expertise

Lexington Housing Studies

📅 07/2015 - ongoing

Data-driven examination and critiques of Lexington's housing market and policies

- Scraped and cleaned property and ownership records from the Fayette County PVA website
- Mapped connections between ownership and vacant properties in Lexington (http://bit.ly/1NrKjux)

Education

Master of Arts in Geography

📅 08/2011 - 05/2013
📍 Lexington, KY

University of Kentucky

Bachelor of Arts in Geography

📅 08/2005 - 05/2009
📍 Muncie, IN

Ball State University

Bachelor of Arts in German

📅 08/2005 - 05/2009
📍 Muncie, IN

Ball State University

Skills

🌐 ArcGIS, QGIS, SDE, Leaflet, CartoDB

</> HTML/CSS, JS/jQuery, Ruby, Python

⭐ Inkscape, GIMP, Adobe Illustrator