

# URBAN INFORMATICS ANALYST

Everything You need to know about a career



Urban informatics is an interesting field, which combines research and practice and uses information technology for the analysis, management, planning, and inhabitation in cities. Urban informatics analyst uses cool software that can be nicely combined with many other technologies, such as video, web development, and phone apps.



Ph. D. Giedrius Pasakarnis,  
Sales manager, Hnit-Baltic, Lithuania

## SKILLS

### Professional:

- Analytical skills
- Reasoning ability
- Cartographic proficiency & knowledge of GIS analysis techniques
- Mathematical and statistics proficiency
- Communication & collaboration skills

### Personal:

- Think "outside the box"
- Multi-tasking
- Multi-disciplinary
- "Fast-on-their-feet"
- Share their work with communities

## TASKS & RESPONSIBILITIES

Urban informatics analyst analyzes the information in the database according to certain criteria, helps design databases, prepares and compiles data, maps and graphs, supports colleagues that use GIS. He investigates what-if scenarios, makes models, asks questions, and investigates possible outcomes.

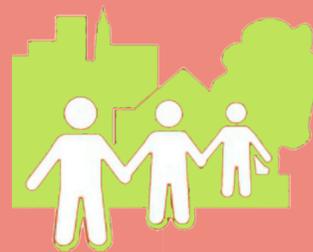


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# INQUIRY LEARNING SPACE

<https://bit.ly/30sGily>



## HOW TO BECOME A URBAN INFORMATICS ANALYST :

Urban informatics analysts usually have a Bachelor or Master degree in geography, computer science, mathematics, statistics, urban planning or related field.

*“If you could start all over again, how you would change your career path?”*

*I would recommend students do not waste time on gaming, but try to be involved in various projects. For example, there are hackatons, where you can work with big data, develop your own apps and maps.*

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## HOW TO GET EXPERIENCE

- Use Open Data in the school projects
- Summer Camps & competitions
- Local, national or international students workshops and conferences in the field

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## CAREER PROSPECT:

Urban innovation, Urban mechanics, Urban Planning, Community Planning, City Planning, New Urbanism, Urban Mobility, Digital anthropologist, Smart Growth, Zoning, Smart City technologies, Big Data jobs, communication technologies, Internet of Things.

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## WHICH SUBJECTS' KNOWLEDGE IS ESSENTIAL FOR A CAREER?

Geography, Computer Science, Mathematics, Statistics and History.  
Also mechanics will become more and more important.