

Yaroslav Sergienko

Memo and project descriptions required for the Interactive News Internship position.

My name is Yaroslav and I am a junior full-stack developer with specialization in data visualization.

Please, have a look at my portfolio on **<http://pallada-92.github.io/>** (there are lots of projects, so it may take some time to load).
I've selected two projects to show:

- “Office communications analysis”
<https://pallada-92.github.io/portfolio/#habidatum-2017> [source]

I was responsible for data visualization and (partially) data analysis, made a lot of static visualizations, two web apps and one video.

- “Interactive NYC subway map”
<https://pallada-92.github.io/portfolio/#subway-2014>

It is an old project I did as a part of TUNEL.us website. The most interesting part is that the map is drawn by a program and lines and points coordinates are not fixed. We've just encoded equations like “the line from that station to this should have angle 45 degrees” or “these two lines should be parallel and close to each other”. This made it possible, for example, to dynamically change line width. I worked in a team with a designer, product owner and iOS developer.

I believe, that right representation can give valuable insights about the data. When the data is complex, standard plots do not show “the whole picture” and custom visualizations are vital. During internship at Habidatum I realized, that 3d visualization is a powerful way to show evolution of spatial data in time.

I am final year bachelor student in computer science in Russia now. I was looking for a summer internship, where I can leverage my skills, and found your Interactive News intern position very interesting. The problem is that I need visa sponsorship, so, presumably, I can't apply for it.

Sincerely,
Yaroslav Sergienko