

# Yaroslav Sergienko

interactive animation · data visualization ·  
data analysis · full-stack

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Moscow, Russia

## Education

Higher School of Economics, Russia	Undergraduate student
Computer science department	Expected graduation: 2018
Data Analysis and Artificial Intelligence	Cumulative GPA: 8.68/10

## Skills

<b>Front-end:</b> TypeScript · Canvas · d3.js · React.js · HTML5 · CSS3 · jQuery · Ramda.js · Mobile-friendly · WebGL · Three.js	<b>Python:</b> Tornado · scikit-learn · pandas · cairo · numpy · advanced matplotlib · web scraping · Sphinx · Selenium web driver · Jupyter internals · Google App Engine · SQLite	<b>Other:</b> Emacs · Arch Linux · LaTeX · Bash · SSH · QGIS · Processing.org · Gephi
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Please, visit <http://pallada-92.github.io/> to see portfolio:

- Office communications analysis
- Heat maps of soccer players paths and actions
- D3 visualizations of 2015–16 Premier League
- System for contractor checking
- Social network group chat analysis tool
- Jupyter extensions for SPA development
- Interactive NY subway map
- Interactive stickers shop
- Geometry problems semantic tree builder
- News titles generator
- Russian passport number correctness checker
- Interactive sphere
- rLoop holding page
- Penguin to ostrich transform animation
- Blurred particles animation
- Falling cherries animation
- Tool for visualization of crowd sourcing suggestions
- “Killer” social game
- Archive of lectures notes and forum
- How old are Moscow buildings? (static map)
- Graph of bioinformatics scientists collaboration
- Simple memcached-compatible server

## Experience

Apr 2017 – pres.	occasionally get interactive animation freelance jobs
Jul – Aug 2017	visualized office communications at Habidatum Inc.
Dec 2016 – Jan 2017.	made heat maps of soccer players at InStat Football.
Oct 2016 – Jun 2017.	working for a startup aimed at contractors checking
Jun – Aug 2015	extracting online shop offers
Dec 2014 – Jun 2015	TUNEL.us website (map, frontend and backend)

## Honors

Apr 2016	SAS Hackathon winner
Apr 2015	Ilya Segalovich Grant recipient