Yaroslav Sergienko

interactive animation · data visualization · data analysis · front-end

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Skills

Front-end: TypeScript · Canvas · d3.js · React.js · HTML5 · CSS3 · jQuery · Ramda.js · Mobile-friendly · learning WebGL

Python: Tornado · scikit-learn · pandas · cairo · numpy · advanced matplotlib · web scraping · Selenium web driver · Jupyter internals · Google App Engine · SQLite

Other: Emacs · Arch Linux · LaTeX · Bash · SSH · QGIS · Processing.org · Gephi

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 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)

Education

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

2015 Russian Summer School in Information Retrieval participant

Honors

Apr 2016	SAS Hackathon winner
Apr 2015	Ilya Segalovich Grant recipient