Yaroslav Sergienko

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

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Skills

Front-end: TypeScript · Canvas \cdot d3.js \cdot React.js \cdot

HTML5 · CSS3 · jQuery · advanced matplotlib \cdot web

Ramda.js · Mobile-friendly ·

learning WebGL

Python: Tornado · scikit-learn ·

pandas · cairo · numpy ·

scraping · Selenium web driver · Jupyter internals · Google App

Engine · SQLite

Processing.org · Gephi

Other: Emacs · Arch Linux ·

 $LaTeX \cdot Bash \cdot SSH \cdot QGIS \cdot$

Please, visit http://pallada-92.gi thub.io/to see portfolio:

· Office communications analysis

· Heat maps of soccer players paths and actions · rLoop holding page

· 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

· 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.

working for a startup aimed at contractors checking Oct 2016 – Jun 2017.

extracting online shop offers Jun - Aug 2015

TUNEL.us website (map, frontend and backend) Dec 2014 – Jun 2015

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