**Sonya Smirnova**

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GitHub: <https://github.com/sonyasha> | Portfolio: <https://www.soniksdata.com> | LinkedIn: <https://www.linkedin.com/in/sonya-smirnova>

**PROFESSIONAL SUMMARY**

Data Analyst, Pythonista and novice web developer passionate about data mining, parsing and creating full-stack applications with Python and JavaScript to visualize the findings. Previous experience of managing the finance software development allows to fill the gaps between engineer and user and contribute to the ability to be a reliable, hardworking and diligent teammate as well as an independent performer who adores to solve the coding challenges and always eager to study.

**TECHNICAL SKILLS**

*Programing Languages:* Python, JavaScript, Visual Basic Script (VBA)

*Databases:*MySQL, MongoDB

*Python Libraries and Frameworks:* Pandas, Matplotlib, Seaborn, Selenium, Sklearn, Keras, Flask, Jinja2

*Web Visualization:* D3, Plotly, JQuery, Leaflet, HTML5, CSS3, Bootstrap

*Big Data:* Tableau, Hadoop, Spark

*Version Control System:* GIT, GitHub

*Software and Platforms:* Heroku, Visual Studio, Jupyter Notebook, Microsoft Office Suite

*Project Management Tools:* Financial Analysis & Modeling, Budget Forecasting, Schedule Development

*Additional Skills:*Independent Problem Solving, Fluent in English and Russian

**George Washington University Data Analytics and Visualization Boot Camp** **02/2018-08/2018**

***Project:*** *Natural Language Translation System Application* ***\**** *Keras, Tensorflow, Flask, D3.js* ***\****[*GitHub*](https://github.com/sonyasha/natural-language-translation)

*Team leader in a team of 5*

* Developed a full stack neural machine translation application with integrated deep learning models
* Utilized Tensorflow and recurrent neural networks to create haiku character-level generator

***Project:*** *DC for People* ***\**** *D3.js, LeafLet, Tweepy, MongoDB, Flask, Heroku* ***\****[*GitHub*](https://github.com/sonyasha/flask_app_js_python_d3)[*Live*](https://flask-js-python-app.herokuapp.com/)

*Team leader in a team of 5*

* Performed a code for the front-end, back-end and design of the application
* Implemented D3.js to develop interactive, grouped, dual y-Axes bar chart
* Incorporated MongoDB with Python Flask and mLab for Heroku deploying

***Project:*** *DC Metro Area Transportation System Analysis* ***\**** *Pandas, Statsmodels, Seaborn* ***\****[*GitHub*](https://github.com/sonyasha/project_3)

*Team member in a team of 4*

* Obtained data with API search, cleaned-up and explored it using Pandas, Matplotlib and Seaborn
* Performed and visualized Linear Regression analysis using Stats Models Python library

**PROFESSIONAL EXPERIENCE**

**Finance Analyst** **08/2008 - 01/2016**

**EVEREST Company, Russia**

*Specializes in wholesale trade, B2B, digital marketing and web-marketing*

* Led a team of 7 staff members to deliver strong financial controls across a diverse group of companies
* Supervised development of a new automation system that improved data collection, analysis and reporting
* Created reports for CEO, heads of departments and employees: plan/fact, sales, profits, clients, salary etc.
* Improved company’s PMIS, led to easier projects monitoring and control and saved 20% of working time

**Project Manager** **11/2006 - 08/2008**

**SPUTNIKI , Russia**

*Marketing agency, 20+ offices and branches nationally, provides marketing services to Unilever, Coca-Cola, Philip Morris, Money-Gram*

* Implemented 15+ successful projects including B2B, merchandising, consulting and events
* Oversaw procurement communications, negotiated and maximized discount rates that increased company’s operating profit
* Reatined extisting clinents by 25% by buidling stong business relationships with new contractors nationally
* Introduced new project management standards that improved the project department productivity

**EDUCATION**

**Project Management,** **2017**

University of the District of Columbia,Washington, DC

**Bachelor of Science (BS), Ecology (Environmental science), 2006**

Ural Federal University, Russia

*Ranked 7th among top Russian Universities*