**Alla Topp**

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| **PROFILE**  Recent Data Science graduate who is extremely passionate about data science and changing people`s lives with technology. I am very enthusiastic and self-motivated, and I am constantly developing my skills.  **TECHNICAL SKILLS**  **Python:** NumPy, Pandas, Scikit-Learn, PyMongo, psycopg2, pygresql, tinydb, SQLite  [**Machine Learning**](https://github.com/AATopp/Machine_Learning_R)**:** K-Nearest Neighbor, Naïve Bayes, Bayesian Network, Decision Trees, Random Forest, ANN/SVM, K-means  **Statistics:** Linear/ Logistic Regression, ANOVA  **Data Visualization:** Tableau, Seaborn, Matplotlib, Excel, PowerPoint  **Other:** R, SQL/NoSQL (PostgreSQL, MySQL, MongoDB), Linux (Ubuntu Virtual Machine), Apache Cloud Stack  **MANAGEMENT SKILLS**   * Communication * Storytelling * Critical Thinking * Team Player   **LANGUAGES**  English – Fluent  Russian – Native | **DATA SCIENCE PROJECTS**  [NOAA`s weather API](https://github.com/AATopp/Data_Wrangling_MS_UR) (GitHub link)   * Determined an appropriate dataset and its type, pulled 3 years’ worth of air temperature data in Virginia, stored results in csv file.   [Movies Analysis with Pandas and SQLite](https://github.com/AATopp/Pandas_SQLite_Project) (GitHub link)   * Created an SQLite database, loaded data from DataFrames into an SQLite database and from SQLite into DataFrame, and performed simple queries with joins.   [California House Prices](https://github.com/AATopp/Machine_Learning_and_Statistics) (GitHub link)   * Cleaned data and created additional features, visualized house pricing in California using matplotlib and seaborn, trained random forest regression model and evaluated the model on the test set.   **WORK EXPERIENCE**  **Regis University** - **Cloud Project Volunteer**  Denver, CO  01/2020 – Current   * Collaborated closely in graduate students’ team to deliver project requirements, developed solutions and met weekly deadlines. * Performed Data Exploration and Data Cleaning of large Datasets. * Set up the cloud system for Data Engineering and Data Science classes using Apache Cloud Stack. * Set up multiple Virtual Machines (Ubuntu and Microsoft 10) with different specifications. * Developed load-testing in Python to evaluate VMs' performance using PostgreSQL database under certain specifications of the VM. * SQL/NoSQL database development on private server in Ubuntu (creating users with password, installation with documentation, creating databases). * Created detailed documentation of each step of the project using markdown in GitHub WiKi   **EDUCATION**  **Master of Science in Data Science**  Regis University, Denver, CO  July 2018 - May 2020 4.0 GPA  **STEM Promise Program AAS – Computer Science/ Engineering**  Tidewater Community College, Virginia Beach, VA  July 2017 – May 2018 3.8 GPA  **Bachelor of Science in Human Resources**  Russian State University for The Humanities, Moscow, Russia  July 2011 - July 2015 3.8 GPA |