JENNIFER RUSSELL

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https://www.linkedin.com/in/jennifer-j-russell/ · https://github.com/jenna-russell/Russell_Jennifer_Portfolio

SKILLS

Analytical Programs: Python, R, Java, SQL, HTML, CSS, PHP, Jupyter Notebooks
Experience: Natural Language Processing, Topic Modeling, Decision Trees, Regression, Classification, Exploratory Data Analysis, Data Visualization, Network Analysis

EXPERIENCE

MAY 2019 – AUGUST 2019
CORPORARTE COMMUNICATIONS DATA ANALYTICS INTERN, CORNING INCORPORATED
Improved current communications measurement processes by analyzing media data using natural language processing to identify emerging trends. Informed communications strategy by developing standardized trend identification processes.

JANUARY 2019 – PRESENT
TEACHING ASSISTANT, CORNELL UNIVERSITY
Teaching Assistant for Introduction to Computer Science, helping 500+ students improve their programming literacy and gain a better understanding of computing fundamentals through running weekly labs and consulting hours.

MAY 2018 – AUGUST 2018
DATA ANALYST INTERN, GENESSEE/FINGER LAKES REGIONAL PLANNING COUNCIL
Analyzed census data of all addresses in the 9 counties in the greater Rochester area to update and consolidate census data in preparation for the 2020 census collection.
Wrote python scripts to automate the collection of GPS coordinates and confirmation of accuracy for all addresses.

MARCH 2016 – PRESENT
CHILDCARE PROFESSIONAL, YMCA OF GREATER ROCHESTER
Responsible for taking care of ~30 children ages 6 weeks – 12 years old.

EDUCATION

EXPECTED GRADUATION MAY 2021
B.S. STATISTICS, INFORMATION SCIENCE, CORNELL UNIVERSITY
3.75 GPA, Cornell Dean's List, Cornell Award (2018)
Campus Involvement: Cornell Statistics Club Advanced Machine Learning Team, Women in Computing at Cornell, Information Science Student Association

PROJECTS

"What are the Significant Factors Affecting Average Red Meat Consumption in the United States".
Analyzed the impacts of various factors on average American red meat consumption, using python's Beautiful soup to scrape the web for data, sklearn to create regressions, and pyplot for data visualizations.
DrivenData's "Pump it Up: Data Mining the Water Table" Challenge.
As a project for the Advanced Machine Learning Team, cleaned data in python and created a classifier with R's rpart to predict operating conditions of Tanzanian water pumps.