

Rita Savill

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Skills

Programming Languages: Python, SQL, R, Git

Python Packages: Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn

Tools: Terminal (Bash/Zsh), VS Code, Github, Anaconda, Jupyter Notebook, Tableau, Stata, ArcGIS Pro 2.5

Fundamentals: Data Mining, Multiple Regression, Hypothesis Testing, Machine Learning, Geospatial Information Science (GIS), Database Design, Data Visualization

Education

Master's in Social Data Analytics and Research

University of Texas at Dallas | May 2020 | **GPA: 3.86**

An analytical major with a core in advanced statistics, customized to include data science/engineering coursework.

Bachelor's in Applied Arts and Science

University of North Texas | December 2015 | **GPA: 4.00**

A multidisciplinary degree with concentrations in business management, sociology, and alternative dispute resolution.

Experience

Computer Lab Assistant/ IT Help Desk | University of Texas at Dallas

January 2019 – May 2020

- Solved diverse technical problems relating to identity/access management, WiFi, VPN, AD/LDAP, etc.
- Composed/updated knowledge base guides to support current and future teammates

Claims Specialist II – Bodily Injury | Safeco Insurance

April 2016 – November 2016

- Performed motor vehicle accident investigations to determine coverage and liability
- Negotiated with claimants and/or their legal representatives to resolve vehicle damage and bodily injury claims
- Promoted to level II in June 2016

Projects

Automation of Pulling and Exploring Yelp Data | Spring 2020

Created an automation script to collect consumer insight data from Yelp's Fusion API, and produce CSV, Visualization, and GIS Shapefile outputs for further exploratory data analysis. (Python, ArcGIS Pro)

DS Prep | Spring 2020

Constructed a relational database and developed an interactive web application for data science study and interview preparation. User interface includes flashcard learning, navigation, and filtering functionality. (Python, Django, PostgreSQL, pgAdmin, HTML, CSS, Bootstrap)

Winning Characteristics in Technology Competitions | Fall 2019

Performed a comprehensive exploratory data analysis of submitted Hackathon projects, along with text mining and supervised learning techniques. Employed predictive modeling via logistic regression and random forest methods to classify the likelihood of a submission being a winning project. (R, Python)