MEKDES KEBEDE

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EXPERIENCE

Data Science Immersive
General Assembly(GA)

📅 February 2019 - May 2019 ● Washington, DC

- Completed 500+ hours full-time Data Science Immersive focused on real-world application of data science principles and best practices, primarily with Python.
- Built a web-tool classifier for text-based content using a Natural Language Processor(NLP) for over 100k observations sourced from Reddit .
- Adjusted multiple parameters for Linear Regression modeling to find the best parameters to predict housing sales price using 2930 observations.
- Collaborated with software engineers and UX developers to assemble a prototype product to help small-scale contractors parse through government contracts.

Volunteer Director of Development
Institute for East African Councils (IEA)

📅 August 2015 - August 2017 ● Washington, D.C.

- Provided direction to 7 staff members and 10 volunteers by leading recruitment, training, evaluation, and professional development.
- Developed and utilized systems and processes to ensure a 100% graduation rate of 90 students.
- Collaborated in writing organizational reports, meeting a 501(c)(3) qualification for donations.
- Promoted program by generating over 45,000 views through an appearance on an international television show as well as in-person community empowerment events.

Learning Links AmeriCorps Member
Aspire! Afterschool Learning

📅 August 2014 - August 2016 ● Arlington, VA

- Accurately maintained detailed case records, generated periodic reports, and coordinated daily meetings to achieve 92% improvement rate in student performance.
- Raised up to $40,000 in donations during a fundraiser event using Square Cash App.

EDUCATION / CERTIFICATION

Python Certification
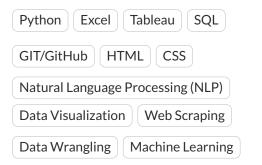**General Assembly**

📅 December 2018

B.A. in Sociology
Grinnell College

📅 September 2010 – May 2014

PROSPECTIVE JOB

Data Scientist
DC

📅 July 2019

SKILLS

Python Excel Tableau SQL

GIT/GitHub HTML CSS

Natural Language Processing (NLP)

Data Visualization Web Scraping

Data Wrangling Machine Learning

PROJECTS

NLP Sentiment Analysis
- Gathered 6 versions of The Bible text to train several models on a multiclass classification problem.
- Word processing using multiple word and document vectorizing techniques to build a text-based recommendation application.
- Presented findings using an interactive Tableau storyboard.

New Light Technologies Client Project
- Collaborated with colleagues to provide a report on estimating the economic cost of a natural disaster.
- Created visuals on research and findings using Python libraries and Prezi.

Reddit Text Classification
- In-depth text pre-processing using content gathered from two Subreddits.
- Used models like Naive Bayes and Logistic Regression to classify content source.

Kaggle Entry: Predicting Housing Price
- Predicted housing sale price in Ames, IA using 2930 observations between 2006-2010.
- Adjusted multiple parameters for Linear Regression modeling to find the best score for model performance.

Explorative Data Analysis
- Produced a presentation that leverages information from the 2017 and 2018 SAT/ACT test results to supplement business recommendations.
- Visual and inferential data analysis using Pandas and Scikit-learn libraries.