Travis Browning

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Summary

Experienced data professional with demonstrable skills in natural language processing, data science and data engineering. Possessing a strong technical background including project management, software development, and system administration. Exemplary communication and task management skills with proven success in leading technical teams.

Skills

- Python, R, Shell script, C++, PROC SQL
- scikit-learn, TensorFlow, Keras, PyTorch, XGBoost, Hugging Face
- numPy, sciPy, Pandas, NLTK, spaCy, RegEx, Gensim
- BeautifulSoup, Requests, Selenium
- OpenCV, scikit-image, pytesseract
- Matplotlib, Seaborn, Plotly, Tableau, Power BI
- Ubuntu, Red Hat, Windows, macOS, Android/iOs, Jupyter Notebooks
- Git, AWS, Snowflake, Office 365, Tableau, SAS, Google Data Studio, Watson Assistant
- Fluent communicator, adaptable team player, project leader, constant learner

Experience

JUN 2022- Present

International Business Systems (IBM), Buffalo, New York - *Business Transformation Consultant (Data Science)*

- Consulting Data Scientist for IBM supporting various government and commercial clients. Selected projects include:
    - Neural and traditional topic modeling and text classification solutions to overhaul complaints handling for a Fortune 500 client.
    - Engineering original datasets for topic modeling and classification tasks, as well as datasets for project reporting.
    - Designing original data architecture for machine learning pipelines.
    - Developing original dashboards and proofs of concept for task automation solutions for state government.

NOV 2021

Research Group in Computational Linguistics, Wolverhampton, UK - *Linguistics Researcher*

- Completed original capstone master's thesis project exploring the intersection between NLP and computer vision.

- Engineered a dataset and machine learning pipeline to generate domain-specific original image captions.
- Scraped, cleaned and evaluated original data.
- Developed original transformer-based solutions and compared results to industry benchmarks.

APR 2019 - DEC 2019

M&T Bank, Buffalo, New York - *Technical Support Analyst III*

- Oversaw operations of a high-volume, 12+ member ServiceNow resolver group for a company-wide Windows 10 software and hardware migration.
- Extracted and visualized incident data to identify the impact of trending issues on service desk performance as per KPIs and business analysis goals.

DEC 2017 - MAR 2019

IBM, Buffalo, New York - *Enterprise Help Desk Analyst*

- First-line technical support desk for Anthem Inc., a leading managed care organization.
- Collected, analyzed and visualized data for quality assurance projects.
- Assisted in training and educating new team members and producing training materials.

APR 2017 - DEC 2017

Alternative Information Systems, Buffalo, New York - *Field Support Technician*

- Diagnosed, reimaged, & repaired customer hardware and software for Buffalo Public Schools, accurately logging all activities in web-based ticketing software.
- Lead training for all new field technicians and provided feedback to management.

Education

SEP 2020 - NOV 2021

University of Wolverhampton, Wolverhampton, UK - *Master of Arts, Computational Linguistics, with merit (summa cum laude)*

- Computational modeling of natural language.
- Relevant coursework: machine translation; machine learning; Python; R; computer vision; corpus linguistics; computational research methods.

AUG 2011- MAY 2015

State University of New York at Buffalo, Buffalo, New York - *Bachelor of Arts, Applied Linguistics*

- Scientific study of language.
- Relevant coursework: syntax; semantics; phonology; sociolinguistics.