

# 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
- Ubuntu, Red Hat, Windows, macOS, Android/iOs, Jupyter Notebooks
- Git, AWS, Snowflake, Office 365, Tableau, Power BI, DAX, SAS, Google Data Studio
- 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.

SEP 2021

**University of Wolverhampton, Wolverhampton, UK - Computational Linguistic 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

**Blue Ally Services, 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.
- Processed incident data to create business analysis to identify the impact of trending issues on service desk performance as per KPIs and project 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.
- Actively assisted in training and educating new team members and producing training materials.
- Conducted multiple internal quality assurance projects relating to ticket quality.

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 - MA, 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 - BA, Applied Linguistics**

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