

Arsalan Zaid

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WORK EXPERIENCE

Boohoo Group PLC

Warehouse Operative

Burnley, UK

5 Nov 2022–Present

- Working in a fast-paced high-volume warehouse to constantly deliver high output and ensure customers receive their orders in a timely and appropriate manner.
- Ensuring all operational KPIs and efficiency are met and achieved as per the company's requirements on a daily basis.
- Collaborate with Shift Managers, Team-Managers, and colleagues to ensure operations run smoothly in an appropriate manner.
- Maintaining standards of health and safety, ensuring that items and stocks are picked up safely and appropriately.
- Classified if item was perfect/non-perfect in the Global return unit, involves data entry, and data transformation.
- Skills involved: Teamwork, Communication skills, Presentation skills, Time management, Locating items, Managing items, data entry, Selektion Software, Health and Safety, etc.

Oeson

Data Science Training and Internship

Remote, UK

30 Jun 2023–15 Oct 2023

- Worked closely with mentors and industry professionals to gain practical experience in data analysis, predictive modeling, and data visualization.
- Analyzed complex data sets to extract meaningful insights and trends, employing various statistical and machine learning techniques.
- Prepared and delivered reports and visualizations to effectively communicate findings and recommendations.
- Collaborated on real projects such as Stock Price Analysis, Fraud Detection, etc., to apply learned skills and contribute to innovative data-driven solutions.
- Participated in team meetings and provided progress reports on assigned tasks.
- Skills involved: Teamwork, Communication skills, Presentation skills, Python Programming, Data Science, Data Analysis, Machine Learning, Deep Learning, Natural Language Processing, MS Excel, MS Word, PowerPoint, etc.

Upwork

Data Science Freelancing

Remote, UK

9 Jun 2023–13 Jun 2023

- Search Results Correction: Successfully delivered the project based on Google Map data correction before the deadline and received 5 stars along with very positive feedback from the client.
- Skills involved: Data Entry, Data Transformation, Data Manipulation, MS Excel

PROJECTS

- **Categorizing figures from biomedical research articles using deep neural networks and Bioassays Ontology (BAO) categories:** A Multi-Label Image Classification using CNN on 14K+ Images and 284 Labels. Implemented an algorithm that uses deep neural networks to identify similarities between images of biomedical structures. Tech: NumPy, Pandas, Matplotlib, Seaborn, JSON, Request, Scikit-Learn, Tensor-Flow and Keras.
- **Feature Engineering, Normalization, and Selection- Predicting Central Neuropathic Pain (CNP) in people with Spinal Cord Injury (SCI) from Electroencephalogram (EEG) data:** Performed Feature Selection: Chi2, and PCA in Logistic Regression and KNN model. Tech: Python, Scikit-Learn, NumPy, Pandas, Matplotlib.
- **Cell Nuclei Detection (Multi-class Image Classification)- Identifying different types of cell nuclei in a colon cancer sample:** Used Deep Learning to classify cells into 4 different categories. Also used data augmentation including rotation, scaling, and flipping for better results along with balancing classes in the dataset. Tech: Python, PyTorch.
- **Subreddit Post Sentiment Classification (NLP):** Reddit is made of threads that contain posts generated by the users. The aim of this coursework is to predict the sentiment polarity of each post individually. The exercise dataset contains our target column called "sentiment.polarity" which can take 5 values: "very negative", "negative", "neutral", "positive" and "very positive" (multi-label classification/prediction). Tech: Python, Scikit-learn, NLTK, SpaCy.
- **Content-Based Recommendation System:** Implemented a Movie Recommender System using TMDB dataset of interactions and ratings from Kaggle. Tech: Python, Pandas, Scikit-Learn.
- **Mini projects using NumPy, Pandas, and Matplotlib:** Implemented Computational Linear Algebra using NumPy, Performed Data Cleaning, Transformation and Augmentation using NumPy and Pandas. Performed Visualization, Optimization-Gradient descent and Random search.
- **Bike Sharing System:** This project's primary purpose was to rent bikes, track bikes, repair bikes, collect money, and visualize the data to customers. Worked on front-end, database and data visualization. Tech: Python, SQL.

EDUCATION

- **University of Glasgow** Glasgow, UK
Masters in Data Science
Grade: 2:2

Courses: Programming and Development, Data Science and Systems, Machine Learning, Deep Learning, Information Retrieval, Recommender System, Web Science, Cyber Security
- **A.P.J. Abdul Kalam Technical University** Lucknow, India
Bachelor of Technology in Computer Science and Engineering
Grade: 7.5 GPA

Courses: Software Engineering, Database Management System, Data Structure, Web Technologies, Soft Computing, Agile Methodologies, Operating System, Distributed System, Engineering Mathematics, Programming System and Development, e.t.c.

SKILLS

- **Languages** Python, C, SQL
- **Libraries** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, PyTorch, SpaCy, NLTK, Flask
- **Tools** Jupyter Notebook, Notepad++, PyCharm, SQLite, Oracle, GIT, VS Code, MS Excel, MS PowerPoint, Latex

CERTIFICATIONS

- **OESON Certification** Awarded with a Certificate of Appreciation on 2 Nov 2023.
- **OESON Certification** Awarded with a Certificate of Achievement on 2 Nov 2023.
- **IBM Certification** Applied Data Science Capstone with A grade in Feb 2022.
- **IBM Certification** Databases and SQL for Data Science with Python with A grade in Nov 2021.
- **GOOGLE Certification** Data Analytics (Ask, Prepare, Process, Analyze, Share, and Act) with an average of 92 percent in Nov 2021.
- **Introduction to Data Science in Python** course offered by University of Michigan in Aug 2021.
- **Structuring Machine Learning Projects** course offered by Deep Learning.AI in Sept 2021.
- **Neural Networks and Deep Learning** course offered by Deep Learning.AI in Jul 2021.
- **Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization** course offered by Deep Learning.AI in Sept 2021.
- **SQL for Data Science** course offered by UC DAVIS, University of California in Aug 2021.

HOBBIES AND INTERESTS

- Playing and Watching Football
- Cooking
- Traveling and Photography
- Gaming and E-Sport

REFERENCES

References are available upon request.