



Ryan Gilbert

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WORK EXPERIENCE

Computational Linguist Intern

Nord A1 [22/05/2023 – Current]

Country: Sweden

Main responsibilities: Working on integrating the feature to auto-detect the most important, least important and ordinary notifications and messages in an AI-watch.

Activities:-

1. Data Annotation: Accurately label and annotate data based on predefined guidelines for pre-processing for NLP .
2. Guideline Development: Refine annotation guidelines and improve clarity.
3. Collaboration and Communication: Work closely with the ML team and communicate effectively.
4. Documentation: Maintain records of decisions and issues encountered during the NLP tasks.
5. Feedback and Improvement: Provide feedback to enhance annotation processes.
6. Continuous Learning: Stay updated with linguistic , NLP and annotation techniques.
7. Text cleaning with the help of NLP techniques.
8. Crucial role in creating high-quality labeled datasets for machine learning models.

Computational Linguist(Part-time)

KomuniKON [29/04/2023 – Current]

Country: Switzerland

Responsibilities: Use NLP techniques wherever required, help a team in developing the world's first fully functioning language based on visual icons, collaborate with developers and linguist consultants to produce rule-based linguistic models and codes that improve the KomuniKON app's ability to effectively suggest an appropriate vocabulary to users, enabling a motivated retrieval of icons starting from verbal input based on similarity and other semantic relations using Word-embedding NLP technique. Work with the IT team to implement ideas in the best way possible and conduct research and stay up-to-date with the latest advancements in computational linguistics. Provide insights and recommendations on linguistic aspects of the project based on NLP and Computational Linguistics expertise.

Activity:- Working on generating a feature that automatically identifies the synonyms of the user input and displays the relevant icon based on the description given in the database.

NLP Analyst

Service Pack Software Technologies Private Limited India [01/02/2023 – 01/05/2023]

City: Hyderabad

Country: India

1.Responsibilities:- NLP Models and Techniques using NLTK, , Reinforcement learning, AI solution, Data annotation, Transcription, Diarization, Data preparation, Data Analysis, Group-work, Machine learning Models, Artificial Intelligence, Quality assurance, Speech analysis, etc.

2.Activities:- I actively collaborated with interdisciplinary teams to develop AI-based solutions for audio calls/ Conversation moderation. primarily worked on Text cleaning, Text Analysis , Pre-processing for NLP tasks. I was responsible for supervising the team of interns who were working on data annotation and I played a crucial role in helping the ML team design and implement algorithms to improve customer acquisition. I worked closely with ML experts and developers to ensure compliance with relevant regulations and guidelines, emphasizing the importance of balancing customer service and user safety. Apart from that, I did an individual project on "Conversation designing" for an AI tool.

Copywriter, Email-Writer, English Tutor(Freelance)

[08/2021 – Current]

Country: India

projects:- B2B email writing for tier three companies and editing the content written by the team of interns. Rating the pronunciation quality of Indian users on a scale of 1 to 10 based on the given phonological parameters based on British English for a developing AI tool. Book editing, Content writing (YouTube videos' transcription, subtitles, and writing description for adult websites, setting academic questions papers on trending technical jobs, script-writing for a short-film on Covid-19,etc) Copy-writing, Conversation designing for an AI tool and more

Junior Data Analyst

ForIT Media Networks [08/10/2021 – 10/12/2022]

City: Hyderabad

Country: India

Main Activities:- Data Visualization, Data transformation, Data Analysis, Storytelling, Decision-making, Team-work. Responsibilities:-

1. Collecting and organizing data from various databases, spreadsheets, and web analytics tools.
2. Cleaning and preparing data for analysis, which may involve removing duplicates, correcting errors, and ensuring consistency across data sets.
3. Analyzing data using statistical and data visualization tools, such as Excel, Tableau, Google Spreadsheet, PowerBi.
4. Creating reports and presentations to communicate findings and recommendations to stakeholders.
5. Collaborating with other team members to develop and execute data-driven strategies.

EDUCATION AND TRAINING

Master's in Computational Linguistics

English And Foreign Languages University [01/10/2021 – 01/05/2023]

Address: Hyderabad (India)

Website: <https://www.efluniversity.ac.in>

Phonetics, Morphology, Syntax, Mathematical Linguistics, NLP 1 and 2, Psycholinguistics, Formal Language and Automata Theory, Corpus Linguistics, Language acquisition, Human sentence processing, Semantics, HPSG, Tagging and parsing, The Joy of Computing using Python.

Google Data Analytics

Google [18/10/2022 – Current]

Address: (India)

Certificate course in Computational Linguistics

Deccan College Post Graduate and Research Institute [09/06/2021 – 09/08/2021]

Address: Pune (India)

Final grade: A

Number of credits: 2

Bachelor's In English Language and Linguistics

Savitribai Phule Pune University [01/07/2018 – 01/06/2021]

Address: Pune (India)

Website: <http://www.unipune.ac.in>

Final grade: A

LANGUAGE SKILLS

Mother tongue(s): **Marathi** | **English(US Accent)**

Other language(s):

German

Hindi

LISTENING A1 READING A1 WRITING A1

LISTENING C2 READING C1 WRITING B2

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1 SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

DIGITAL SKILLS

Python Programming / R-programming / Organizational and planning skills / American Accent / Analytical skills / Written and Verbal skills / Decision-making / Critical thinking / Strategic Planning / Strong-communication / google spreadsheets / SQL / Artificial Intelligence / • Machine Learning / Python Libraries (numpy, pandas, scikit-learn, gensim, surprise, spaCY, NLTK, PyTorch, ...) / Microsoft Office / GUI frameworks / Data Science | Data Collection, Data Processing, Data Analysis, Data Visualization / Microsoft Excel / Reinforcement Learning

PROJECTS

EXPERIMENT ON THE AMBIGUITY IN SENTENCE PROCESSING USING DMDX(a Windows-based program designed primarily for language-processing experiments.)

[02/12/2022 – 07/12/2022]

Conducted this experiment with 10 native speakers of different dialects of Marathi(an Indian language) with the help of linguistics analysis (Socio-linguistics, Psycho-linguistics, Syntax, Semantics and Stylistics).

A project on NLP tools and Corpora in the mother tongue named " Marathi".

[10/06/2021 – 10/08/2021]

Worked on NLP techniques, NLP libraries, NLP tools, Corpus Analysis Tools like Concord module, and AntConc

Corpus Linguistics and theoretical Linguistics approaches.

[22/06/2022 – 22/07/2022]

worked a text dataset to analyze and identify the patterns in the corpus with the help of a corpus analysis tool, Concordance.