

Advaith Jaishankar

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EDUCATION	<p>Maastricht University,Maastricht</p> <ul style="list-style-type: none">▪ MSc in Data Science for Decision Making▪ Courses Taken: Data Mining Building and Mining Knowledge Graphs Algorithms for Big Data Planning and Scheduling Information Retrieval and Text Mining Computational Statistics Advanced Natural Language Processing Model Identification and Data Fitting Jul 2021 – May 2024 <p>SRM University, Chennai</p> <ul style="list-style-type: none">▪ B.Tech in Mechanical Engineering Jun 2015 – May 2019
EXPERIENCE	<p>Thirona Retina,Nijmegen</p> <ul style="list-style-type: none">▪ Thesis Internship - Deep Learning Intern: Jan 2024 – May 2024<ul style="list-style-type: none">• Implemented explainability models for the diabetic retinopathy detection model used by the company• Experimented with both model specific and model agnostic explanation methods• Devised quantitative methods of measuring quality of explanations• Created attribution maps to visualize the regions of the image of the image responsible for the classification <p>Unilever,Rotterdam</p> <ul style="list-style-type: none">▪ Elective Internship - Data and Analytics Intern: Oct 2022 – Mar 2023<ul style="list-style-type: none">• Created a time series forecasting model to predict long demand across channels in key cells• Helped harmonize data from various sources and created automated dashboards• Supported the Global Customer Development team with deliverables <p>Thurro,Chennai</p> <ul style="list-style-type: none">▪ Data Analyst: May 2019 – Apr 2021<ul style="list-style-type: none">• Extracted data from various websites and performed analysis on the data• Gained experience in scraping frameworks and automation• Gained hands on experience in writing and optimizing MySQL Queries• Managed AWS operations for the company including setting up APIs, security and cost management
PROJECTS	<p>Research Project 1: A Context-aware fine-grained skill extraction system using Natural Language Processing Jul 2021 – Jan 2022</p> <ul style="list-style-type: none">• Built a system that can classify skills into Soft Skills and Hard Skills and assign them to domains from job postings.• Used State-of-the-art embeddings as linguistic features and built classification models on them. <p>Research Project 2: What is wrong with this product? Feb 2022 – Jun 2022</p> <ul style="list-style-type: none">• Built a system that can use reviews of products on social media to classify them as hazardous or non hazardous• Used State-of-the-art embeddings as linguistic features and built classification models on them.• This research work was awarded the Silver Award in the EU Product Safety Awards by the European Commission and published in the International Conference on Artificial Intelligence and Law (ICAIL '23)
LANGUAGES	<ul style="list-style-type: none">▪ English: Full professional proficiency.▪ Dutch: Elementary proficiency.
PROGRAMMING LANGUAGES	Python,SQL,R,HTML,CSS
TOOLS KNOWN	Git,Docker,Power BI,MS Office,Amazon Web Services
LIBRARIES	Flask,Numpy,Pandas,Matplotlib,Seaborn,Scikit-learn,Keras,BeautifulSoup,Scrapy,Selenium,Ggplot
INTERESTS	Explainable AI, Computer Vision,Data Analytics,Machine Learning, Natural Language Processing, Text Mining