

Sajal Sharma

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Education

The University of Melbourne
Master of Information Technology
2016

Bhartiya Vidyapeeth University
Bachelor of Computer Applications
2013

Certifications and Courses

Machine Learning Nanodegree
Udacity

React Nanodegree
Udacity

Probability & Inferential Statistics
Duke University, Coursera

Mathematics for Machine Learning
Imperial College London, Coursera

Data Science Bootcamp with Python & R
Udemy

Skills

- Python, Javascript, Typescript, React, HTML, CSS, MySQL
- Scikit, Pandas, NLTK, Spacy, Rasa
- Git, Bash/Zsh, Linux
- Natural Language Processing, Machine Learning, Data Analytics

Volunteering

University of Melbourne
Mentor, STEM Industry Mentoring Programme
Since July 2020

Work Experience

Unscrambl Inc
Senior Software Engineer - NLP
January 2021 - Present

- Building data processing pipelines and frameworks to facilitate configuration and operation of NLP in business intelligence products.
- Developed NLP components for text preprocessing, synonym handling & training data generation.

Unscrambl Inc
Software Engineer - NLP & Data Science
August 2017 - January 2021

- Led the Chatbot development team developing products for customers across South East Asia.

Udacity
Mentor & Project Reviewer
December 2017 - Present

- Mentored 100+ international students enrolled in the Programming for Data Science and Data Scientist Nanodegrees. Completed 1500+ project reviews.
- Recognised as an elite mentor for Q3 and Q4 2021

Energy Umpire
Technical Lead
March 2016 - July 2017

- Identified, developed and deployed IT solutions to optimize key business processes.

Projects

Similarity Based Natural Language Understanding (Unscrambl Inc)

A proprietary system for natural language querying. Built a data based training data generation framework, and various NLP pipeline components.

Banking Chatbot (Unscrambl Inc)

A B2C chatbot built on Microsoft's Bot Framework using Typescript, customisable for and deployed at different banking clients.