

SANYAM SAREEN

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SUMMARY OF QUALIFICATIONS

- Worked on AI projects to solve real-world problems with an average efficiency of 85%
- Intermediate knowledge of Python and Natural Language Processing gained through online courses
- Exceptional interpersonal skills gained while organizing campus events in association with GitHub
- Published a research paper with the Big Data Applications as the area of research

TECHNICAL SKILLS

- **Programming Languages** (Intermediate): Python, Java, R, JavaScript
- **AI Libraries** (Novice): PyTorch, Pandas, Matplotlib, Scikit Learn, TensorFlow, Seaborn, NLTK
- **Database Systems**: MySQL, PL/SQL, Oracle SQL, MongoDB
- **Operating Systems**: Linux, OS X, Windows 7, 8, 10
- **Microsoft Office**: PowerPoint, Word, Excel, Outlook
- **Cloud** (Intermediate): IBM Cloud, Amazon Web Services (AWS), Heroku Cloud
- **Project Management** (Novice): Scrum, JIRA, SDLC, Waterfall
- **Version Control** (Intermediate): Git, GitHub, Bitbucket

EDUCATION

Master of Applied Computing

Sep 2019 - Present

University of Windsor, Windsor ON

- Available for an internship starting September 2020 (coursework complete August 2020)
- Relevant coursework: Machine Learning, Software Engineering, Advanced Database, System Programming, Distributed Systems

Bachelor of Technology in Computer Science Engineering

Aug 2015 - Jun 2019

Guru Nanak Dev University, Amritsar, India

- Technical Head of the Computer Engineering Student Society (CESS)
- Relevant coursework: Artificial Intelligence, Cloud Computing, Expert Systems

RELATED EXPERIENCE

Cofounder and Technical Team Lead

Dec 2019 - Mar 2020

WinHacks, University of Windsor, Windsor ON

<https://winhacks.ca/>

- Motivated and led technical team of 40 WinHackers at Windsor's first major hackathon
- Acquired DigitalOcean as a major tech sponsor for the 3-day event
- Coordinated WinHacks' website development

Data Analyst (Internship)

Jun 2018 - Jul 2018

Eckovation Solutions Private Limited, New Delhi, India

<https://www.eckovation.com/>

Technologies: Spark, R, Python, Scikit Learn

- Cleaned and analyzed real world large datasets of company's clients using Pandas, Numpy and Matplotlib libraries to increase company profits and assist with strategic planning

Data Science Educator

Dec 2017 - Jan 2018

Unacademy, Bengaluru, India

<https://unacademy.com/@sanyamsareen01/>**Technologies:** R, ggplot2, tm, readxl, dplyr, wordcloud

- Educated thousands of students with data science skills (data import, clean, visualize) on India's largest e-learning platform
- Achieved more than 250 followers and 8000 minutes plus watch time

PERSONAL PROJECTS**Emotion-Predictor (Individual Project)**

Jan 2020 - April 2020

University of Windsor, Windsor, ON

Technologies: CNN, Python, NumPy, Keras, Git<https://github.com/calmesam01/Emotion-PredictionMake-My-Face>

- 30,000+ face screenshots from Bollywood movies collected to predict emotions of face images using Convolutional Neural Network (CNN)

SMS Text Spam Detection (Group Project)

Jan 2020 - April 2020

University of Windsor, Windsor, ON

<https://github.com/calmesam01/SMS-Spam-Detection>**Technologies:** Python, NLTK, Scikit-Learn, Natural Language Processing, Jupyter Notebook

- Classified text messages as either SPAM or NOT SPAM using Natural Language Processing
- Explored the SMS Spam Collection Dataset with 5000 plus text messages from Kaggle

ACADEMIC PROJECTS**Virtual International Student Assistant (VISA) (Group Project)**

Sep 2019 - Dec 2019

University of Windsor, Windsor, ON

Technologies: HTML, CSS3, JavaScript, Django, Microsoft Azure, IBM Watson<https://www.visabot.live>

- Developed friendly chatbot that allows program coordinators to use an admin featured view, to update the information using API hooks, significantly diminishing the volume of emails from international students.

Dynamic Sign Language Recognition (Group Project)

Sep 2019 - Dec 2019

University of Windsor, Windsor, ON

Technologies: CNN, RNN, Python, TensorFlow, Git<https://github.com/calmesam01/Dynamic-Sign-Language-Recognition>

- Extracted sign language images from videos as inputs to deep learning model to translate in English
- Aimed at taking a step in bridging the communication gap between normal people, deaf and mute people using sign language.

PUBLICATIONS**Big Data Analysis: A Review**

Oct 2018

<https://www.ijcaonline.org/archives/volume181/number23/30023-2018917994>