SANYAM SAREEN

2984 Donnelly Street Windsor ON N9C 1L8
(519) 984-4040
sareens@uwindsor.ca

Portfolio: https://www.sanyamsareen.tech
GitHub: https://www.github.com/calmesam01
LinkedIn: https://www.linkedin.com/sanyamsaren01

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 though 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,

- 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, Sckit-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