

# 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/sanyamsareen01>

## SUMMARY OF QUALIFICATIONS

- Built 10+ projects in a timeline of 4 years as a self-taught web developer
- Worked on real-world projects including a multi-user blogging platform with a scalable project structure
- Exceptional interpersonal skills gained while organizing campus events in association with GitHub
- Coordinated 3 hackathons, with 500 attendees, at a minimal cost that served as a bridge between job seekers and recruiters

## TECHNICAL SKILLS

- **Programming Languages** (Novice): JavaScript, Python, Java, R
- **Web development frameworks and libraries**: React.js, Next.js, Node.js, Express.js, jQuery, Bootstrap
- **AI Libraries** (Novice): NumPy, Pandas, Matplotlib, Scikit Learn, TensorFlow, Keras, PyTorch
- **Database Systems**: MySQL, SQLite, MongoDB
- **Operating Systems**: Linux, OS X, Windows 7, 8, 10
- **Microsoft Office**: PowerPoint, Word, Excel, Outlook
- **Cloud**: IBM Cloud, Amazon Web Services (AWS), Heroku, Digital Ocean
- **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 10,000 minutes plus watch time

**PERSONAL PROJECTS****Sensation Brewery (Individual Project)**

Sep 2019 - Dec 2019

University of Windsor, Windsor, ON

**Technologies:** React.js, Cloudflare, CocktailDB API, MongoDB, HerokuPreview: <https://www.sensation-brewery.tk>Code: <https://github.com/calmesam01/The-Sensation-Brewery>

- Created a React app using functional components that enables the user to explore various cocktails and get information including instructions to prepare and ingredients using the open-source CocktailDB API

**Sensation Blogging Platform (Individual Project)**

Jan 2020 - Apr 2020

University of Windsor, Windsor, ON

**Technologies:** React, Next.js, Node.js, Reactstrap, MongoDB Atlas, Mongoose, SendGrid, Discus, HerokuPreview: <https://www.sensation-blog.tk>Code: <https://github.com/calmesam01/The-Sensation-Blogging-Platform>

- Created a multi-user blogging platform that enables an authenticated user to perform CRUD operations on blog posts using private dashboard, search, comment and like other users' posts using tags and categories
- Applied server-side rendering with Next.js, role-based authorization system and Google analytics

**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 WatsonPreview: <https://www.visabot.live>Code: <https://github.com/calmesam01/VISA>

- Developed friendly chatbot that allows program coordinators to use an admin featured view, to update the information using API hooks, diminishing the volume of emails from international students by 40%

**Image Super Resolution (Group Project)**

Sep 2019 - Dec 2019

University of Windsor, Windsor, ON

**Technologies:** RCNN, Python, Keras, Matplotlib, Pandas, Numpy, Jupyter Lab, GitCode: <https://github.com/calmesam01/Image-Super-Resolution>

- Deployed super-resolution convolutional neural network (SRCNN) to enhance the quality of degraded images by making use of image quality metrics such as structured similarity index and mean squared error

**PUBLICATIONS****Big Data Analysis: A Review**

Oct 2018

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

Available upon request