SANYAM SAREEN

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SUMMARY OF QUALIFICATIONS

- Passionate software developer with strong time management skills, vision for future and innovative mindset
- 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 Technologies and Frameworks:** HTML, CSS, React.js, Next.js, Node.js, Express.js, jQuery, Bootstrap
- **Data Analytics and AI Libraries** (Novice): NumPy, Pandas, Matplotlib, Scikit-Learn
- **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

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: Software Engineering and Testing, Cloud Computing, Databases with SQL Queries

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: Python, R, Pandas, Numpy, Matplotlib
- 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, developing a strong work ethic

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, Heroku
Preview: 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 CocktaiDB 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, Heroku
Preview: http://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 Watson
Preview: 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%
- Created technical documentation and did stress testing

Diabetes Prediction (Group Project)   Sep 2019 - Dec 2019
University of Windsor, Windsor, ON
Technologies: Python, Pandas, NumPy, Matplotlib, Sckit-Learn, Jupyter Notebook
Code: https://github.com/calmesam01/Diabetes-Prediction
- Analyzed and predicted whether or not a patient has diabetes based on certain diagnostic measures such as glucose concentration, BMI, skin thickness, etc using PIMA diabetes dataset from Kaggle
- Used Random Forest and XGBoost algorithms with 75% and 77% accuracy rate respectively

PUBLICATIONS
Big Data Analysis: A Review   Oct 2018
https://www.ijcaonline.org/archives/volume181/number23/30023-2018917994

REFERENCES
Available upon request