

Your Name

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Professional Summary

Dedicated and outcome-oriented professional skilled in Python, C#, SQL, and Power BI. Currently pursuing a Master's in Computer Science with a specialization in Artificial Intelligence. Actively seeking opportunities as a Data Scientist or Machine Learning Researcher. Committed to staying abreast of emerging AI trends and driving innovation.

Technical Skills

Technical Skills

Languages	:	Python, C#, Vb.net, HTML, CSS,SQL
Frameworks	:	PyTorch, TensorFlow, Langchain
Data Manipulation and Visualization	:	Numpy, Pandas, Matplotlib, Seaborn
Development Tools	:	MS Word, Excel, PowerPoint, Power BI
IDE	:	Visual Studio Code,VSCode, Anaconda
Version Control	:	VFTS, Git
Communication Tools	:	MSTeams, Zoom, Webex, Google Meet

Programming Languages: Python, C#, SQL

Frameworks: PyTorch, TensorFlow, Machine Learning

Tools: Microsoft Office, Power BI, Visual Studio Code, Git

Professional Experience

Graduate Assistant, University of Windsor

Sept 2021 - April 2023

Provided mentorship and guidance to students, fostering a positive and enriching learning atmosphere.

Conducted student meetings and meticulously assessed assignments.

Research Assistant, University of Windsor

Feb 2022 - July 2022

Assessed project requirements and meticulously curated image datasets.

Implemented advanced deep learning algorithms for precise object detection.

Effectively facilitated communication between the academic supervisor and industry collaborators.

Detailed Professional Experience

Software Engineer — *Wipro Limited* — *October 2018 - August 2021* (Client: BP plc)

- Spearheaded comprehensive support for in-house .NET applications, encompassing requirements analysis, implementation, and continuous maintenance.
- Conducted in-depth analysis of client requirements, consistently delivering precise effort estimations.
- Developed intricate components and APIs, adhering meticulously to coding standards and project specifications.
- Ingeniously designed new database schemas as required, optimizing application functionality.
- Executed thorough unit testing of developed components to uphold exceptional performance standards.
- Leveraged CI/CD Azure pipelines for efficient and dependable code deployment across diverse environments.
- Expertly managed application access levels in response to user requests, fortifying data security measures.
- Skillfully diagnosed and resolved issues, ensuring swift and effective resolutions.
- Monitored application performance across various environments to guarantee optimal functionality.

- Leveraged Power BI to craft compelling data visualizations for diverse interfaces.
- Thoughtfully documented and shared valuable insights and best practices with team members, elevating overall quality.
- Conducted routine maintenance of Windows and AWS application servers.

Key Achievements:

- Successfully delivered Automation Scripts, resulting in substantial time savings:
 - Slashed maintenance time from 1 hour to just 10 minutes.
 - Elevated website availability, conserving 2 hours of manual effort daily.
- Pioneered transformative alterations to the CI/CD pipeline, yielding the following benefits:
 - Eliminated the need for extensive coding modifications, saving 30 hours.
 - Streamlined testing procedures, delivering a time-saving of 20 hours.
- Implemented automation for report generation, resulting in:
 - Reduction of manual report creation time from 6 hours to just 15 minutes.
 - Enhanced accuracy and eradication of errors associated with manual intervention.
- Proficiently designed compelling Power BI reports, optimizing data visualization and utility.

Academic Projects

Thesis, University of Windsor, Canada

(To be Presented at ICMLA '23)

Currently researching industrial datasets and proposing an efficient lightweight deep learning architecture.

Working with industrial datasets such as MVTec AD and BTAD, and contributing to a new dataset with ground truth annotations.

Employing PyTorch and Scikit Learn to implement an innovative deep learning architecture, optimizing computational efficiency.

Developing a pivotal component for a lightweight U-shaped network, enhancing computational efficiency without compromising quantitative performance.

Utilizing GPU resources for accelerated computation.

Education

Master of Science in Computer Science – AI Specialization

August 2023

University of Windsor, Windsor, Canada

GPA: 94.00%

Relevant Coursework : Intro to Artificial Intelligence, Machine Learning, Deep Learning

Bachelor of Technology in Computer Science and Engineering

May 2018

SRK Institute of Technology, Vijayawada, India

GPA: 77.12%

Achievements

Recipient of the prestigious Vector Institute scholarship.

Awarded Graduate and Research Assistantship honors.

Acknowledged as an EMC Academic Associate in Data Science.

Recognized as a Microsoft Technical Associate in Databases.

Activities and Volunteer Engagement

Actively mentored students in the Suitcase to Backpack program at the International Student Center (ISC) of the University of Windsor.

Dedicated volunteer at Circle K International (CKI) at the University of Windsor.

Committed volunteer for the Canadian Association for Girls in Science (CAGIS) in Windsor Chapter.

Valuable contributor to the Google Developer fest (2022) in Windsor, Ontario.

Engaged as an active member of our student association during undergraduate studies.

Represented the CSE Department at the National Women's Parliament, 2017 (Vijayawada) during undergraduate studies.

Participated enthusiastically in HACKATHONs organized by FinTech valley during undergraduate studies in Vijayawada.

Elected as the Vector Institute's representative from my cohort (2021-2022) at the University of Windsor.

Participated in the AIM Leadership Symposium 2022/LLC 2023, enhancing leadership skills.

Co-Curricular Activities

Secured 1st place in the 2023 Android App Development competition at Windsor Hindu Mandhir.

Achieved a notable 3rd place in the inaugural University of Windsor Policython (2023).

Acted as a diligent reviewer for research proposals at the UwillDiscover conference (2023).

Actively participated in the Future Mobility Challenge Hackathon (2022).

Hobbies and Interests

Engaged in badminton, coding, handicrafts, and glass paintings.

Freelancing

Offered freelance services for Android App Development to a startup.

Volunteered and led a team of five students for Android App Development at Windsor Hindu Mandhir (scheduled to go live on Jan 1st, 2024).