


Srishti Jaiswal

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EDUCATION

University of Florida (Scholarship – Achievement Award)

Masters in Computer Science

Aug 2022 – May 2024

SRM Institute of Science and Technology

Bachelors in Information Technology

Aug 2016 – May 2020

SKILL SET

Programming: Python, C/C++, HTML5, CSS3, JavaScript, Tableau, Azure, SQL Server, MongoDB, Oracle DB, Data Structures, Software Debugging, Agile, Distributed Systems, OOPS, Full Stack Development, Data Science, Machine Learning, Big Data, Business Analytics, User Experience, Data Engineering

Frameworks and Libraries: NumPy, Pandas, TensorFlow, Matplotlib, React.js, Node.js, Bootstrap, Tailwind, WordPress

Tools: Visual Studio, Google Colab, Jupyter Notebooks, Git/GitHub, Microsoft Office, IntelliJ Idea, Hadoop, Amazon Web Services (AWS), Excel, Word

EXPERIENCE

Deloitte

July 2021 – Aug 2022

Advisory Analyst

- Drove dynamic Python-powered data analysis unveiling critical patterns and vulnerabilities, propelling the development of precision risk mitigation strategies. As a result, cybersecurity measures were significantly strengthened, leading to an impressive 20% reduction in potential threats.
- Proficient in designing comprehensive IT and Third-Party risk assessment strategies, conducting rigorous SOC1 & SOC2 readiness assessments, ensuring SOX readiness, and driving transformative control enhancements for operational efficiency. Additionally, executed impactful SOC assessments for a leading cloud service provider, prompting substantial security improvements and elevating SOC report ratings through meticulous analysis and strategic recommendations.
- Strategically led process optimization in the realm of cybersecurity by deploying Python-driven automated solutions, achieving a notable 30% reduction in manual effort, and significantly amplifying operational efficiency.
- Led weekly meetings and mentored 4 team members which resulted in a reduction of ramp-up time by 38%, and improved performance and outcomes.

Cognizant Technology Solutions

Sep 2020 – May 2021

Programmer Analyst

- Spearheaded two cross-functional projects in life sciences, achieving a remarkable 25% increase in departmental productivity through effective project management and collaboration with peers.
- Proficiently integrated and modelled Oracle and SQL databases using Oracle SQL Developer Tool and SQL Server Management Studio, optimizing performance, and supporting project requirements.
- Utilized Informatica to develop diverse data transformations, supporting data warehouse design, and facilitating seamless extraction, transformation, and loading of data into the target system resulting in streamlined operations and successful project outcomes for 5+ clients.

Programmer Analyst Intern

Jun 2020 – May 2020

- Under experienced mentorship, I received extensive training in SQL, Python, PySpark, and AWS. Applying this knowledge, I delivered successful client outcomes. I also optimized SQL queries and Python scripts, crucial to achieving project milestones.

Galific Arts

June 2018 – July 2018

Frontend Developer Intern

- Collaborated with creative teams to design visually appealing and responsive websites using HTML, CSS, Bootstrap and JavaScript for 2 clients, improving site efficiency by 35%. Demonstrated strong technical skills and a collaborative approach to drive high-quality outcomes and client satisfaction.

PROJECTS

Social Media web application using MERN Stack ([Link](#))

Sep 2023

Technology/Languages: React.js, Node.js, Mongoose, MongoDB, Express.js

- Developed 'Sociopedia,' an engaging social media web app with MERN Stack, highlighting proficiency in React.js, Node.js, MongoDB, Mongoose, and Express.js for a seamless user experience.

Comparative Analysis of different GANs and VAEs ([Link](#))

May 2023

Technology/Languages: Machine Learning, Python, TensorFlow, PyTorch

- Conducted in-depth comparative analysis and implementation of various GAN and VAE architectures on the MNIST dataset, evaluating performance and fine-tuning models to assess the influence of architectural choices and hyperparameters on image quality and diversity.

Multivariate Data Visualization using Glyphs on a Choropleth ([Link](#))

Dec 2022

Technology/Languages: Data Visualization, Python, Tableau, NumPy & Pandas

- Created a powerful visualization tool to analyze car accident data from the United States using up to 5 visual encodings on a glyph, resulting in a 35% reduction in analysis time.

Twitter Clone using Erlang and Distributed Systems ([Link](#))

Dec 2022

Technology/Languages: Distributed Systems, Erlang, Actor Model, Networking, HTML, CSS

- Built a twitter clone where users could register, login, create and share tweets using a web client that communicates with a server that ran on a distributed computing system to increase the efficiency.

Skin Cancer Detection ([Link](#))

Jan 2020 – May 2020

Technology/Languages: UX Design, MATLAB, Image Processing, SVM

- Engineered a machine learning application that achieved an 89% accuracy rate and reduced false positives by 50% for melanoma risk evaluation using consumer-grade camera images, potentially leading to earlier and more accurate skin cancer diagnoses.