

Sai Vivek Chava

Data Analyst | Data Scientist

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OBJECTIVE

Seeking a Data Science or Machine Learning internship/Co-op to leverage my interdisciplinary skill set in contributing to data-driven insights and innovation in real-world projects, while advancing my knowledge in information sciences.

EDUCATION

School of Computing and Information, University of Pittsburgh

Expected: April 2025

Master of Science in Information Sciences

Pittsburgh, PA

MLR Institute of Technology, Jawaharlal Nehru Technological University

June 2019

*Bachelor of Technology in Aeronautical Engineering – Awarded **First class with Distinction***

Hyderabad, India

SKILLS

Programming: Python, SQL, R, C, HTML & CSS, MATLAB

Tools / IDE: Visual Studio 2018, R Studio, VS Code, PyCharm, Anaconda, Linux

Softwares: Flask API, Microsoft Office, AutoCAD, CATIA V5/V6, Product Lifecycle Management – Ennovia, Windchill

Languages: English (Professional Proficiency) | Hindi (Professional Proficiency) | Telugu (Native) | Tamil (Basic)

CERTIFICATIONS

Python Fundamental and Programming, ITes Sector Skills Council NASSCOM

March 2023

IBM Certified Data Science Training, Innomatics Research Labs

June 2022 – Feb 2023

PLM(Basic) Certification on Enovia and Windchill, TATA Technologies

June 2018

PROJECTS

[Regex application replica Using Flask](#) - To create a Flask-based application that emulates regular expression usage, generating matched text according to user-provided input string and pattern.

Mar 2023

Skills: Flask framework, HTML, CSS

[Handwritten Image recognition](#) - To preprocess images, convert them to vectors, and comprehensively compare model performances, including Logistic Regression, KNN, SVM, Decision Tree, and Random Forest. Achieved 98%+ accuracy in recognizing handwritten images using Random Forest.

Mar 2023

Skills: Data Analysis, Machine Learning, Python (Pandas, NumPy, Matplotlib, PIL)

WORK EXPERIENCE

College of Business Administration, University of Pittsburgh

September 2023- Present

Teaching Assistant

Pittsburgh, PA

- Enhanced student comprehension by proficient utilization of Excel and Python for data processing, manipulation, and analysis. Crafted impactful data visualization dashboards in Tableau to improve data communication.

Ascent Fund Services Pvt Ltd

April 2023- June 2023

Data Science Intern

Bangalore, India

- Automated accounting processes by utilizing VBA or Python to replace the current manual strategy, aligning with specified requirements, and resulting in a reduction of more than 60% in processing time.
- Implemented Automated data retrieval using Linux-based Celery pipeline, optimized by Supervisor for task management, and integrated with MongoDB for streamlined accessibility. This optimization resulted in a time efficiency improvement of over 50%.

Amazon Development Centre

Nov 2019 – Sep 2021

Transaction Risk Investigator

Hyderabad, India

- Collaborated with stakeholders to address diverse seller issues, including legal, IP protection, fraud, compliance, and brand protection, optimizing knowledge sharing, adherence to SOPs, and utilizing data analysis to mitigate risks.
- Awarded "Trainee Champ" in 2019 for exceptional performance during TRMS new hire training. Recognized as a "Zero Hero" for maintaining outstanding quality standards while consistently meeting deliverables.

LEADERSHIP & ACTIVITIES

School of Computing and Information, University of Pittsburgh

Student representative for University Council on Graduate Study

Aug 2023-present

- Actively engage in UCGS committee meetings, offering valuable insights on program quality, policies, new proposals, updates, and changes. Collaborating with faculty and students for effective communication and representation.

Volunteering Activities:

Haritha Haram - To create awareness of the importance of trees (*Volunteer*)

2017, 2018 & 2019

II International Conference on Advancements in Aeromechanical Materials for Manufacturing (Organizer) 2018

'Support Aero and Space Modelling', a Nationwide Campaign and Guinness World record event by IAAA (Organizer)