Armaan Sood

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Education

Arizona State University
Tempe, AZ
2026

Bachelor of Science, Business Data Analytics

Experience

Lead Data Engineer
Tempe, AZ
Mar - Nov, 2024

Click 2 Craft

- Developed custom web scrapers using Python libraries (BeautifulSoup, Scrapy) for collecting information for local Contractor Businesses
- Cleaned and processed large datasets using Pandas and NumPy, achieving 95% accuracy rate
- Leveraged OpenAI's API to enhance data preprocessing workflows, reducing manual processing
- Automated social media outreach using Make/Zapier and GoHighLevel increasing engagement by 25%

Data Analysis Intern
Delhi, India
Mar - Jul, 2021

Children For Children

- Enhanced digital presence using algorithmic strategies, achieving 40% increase in engagement
- Conducted analysis of social campaigns, improving outreach engagement by 25%
- Raised $2,400 through data-driven fundraising tactics, benefiting 250 girls' education

Data Analysis Intern
Delhi, India
Jul - Dec, 2020

YWCA

- Led research project team using Agile methodologies on the effects of peer pressure
- Conducted statistical analysis on peer pressure studies, improving mental health awareness
- Produced educational short film, increasing public awareness by 20%

Projects

AI Dashboard | Python, Flask, React, PostgreSQL, Docker
Nov 2024

- Built an interactive web application, hosted on Vercel, to provide daily updates on the latest AI tools, technologies, and innovations.
- Created a YouTube-inspired interface with dynamic animations and a user-friendly experience, ensuring efficient information retrieval and idea generation for AI-related projects.
- Implemented a system for aggregating and displaying up-to-date global AI advancements, tailored to support skill enhancement and project brainstorming.

Outreach and Analysis Automation | B4Soup, Selenium, Pandas, OpenAI, Tableu
Mar 2024

- Built automated data pipeline using Selenium and Meta Graph API
- Integrated OpenAI API for data filtering and personalized marketing

Technical Skills

Languages: Python, Java, R, C/C++, HTML, CSS, JavaScript
Frontend: React.js, Vue.js, Angular, Bootstrap, Tailwind CSS
Backend: Node.js, Express.js, Django, Flask
Databases: MySQL, PostgreSQL, MongoDB, SQLite
DevOps: CI/CD, Docker, Kubernetes, Git
Machine Learning: SciKit-Learn, TensorFlow, PyTorch, Predictive Modeling
Data Analysis: Pandas, NumPy, Seaborn, Matplotlib
APIs: OpenAI, Meta Graph API, RESTful APIs