

ANOUSHKA DAS

Madison, WI | das57@wisc.edu | (312)-918-3025 | www.linkedin.com/in/anoushkadas7

EDUCATION

University of Wisconsin-Madison

Anticipated May 2027

BS in Computer Science & Data Science

Relevant Coursework: Intro to Discrete Mathematics, Data Science Modeling, Machine Learning for Engineering Research (ML4ER), Introduction to Algorithms, Elementary Matrix and Linear Algebra

SKILLS

Programming & Scripting: Java, Python, R, SQL, Assembly, HTML, CSS, Bash, JavaScript

Frameworks & Libraries: Pandas, NumPy, Pytorch, Scikit-learn, Flask, React, Tailwind CSS

Tools & Technologies: IntelliJ, Eclipse, Emacs, Vim, Microsoft PowerBI, Git, GitHub, VS Code, Jupyter Notebook, REST APIs

WORK EXPERIENCE

Schloss Visual Reasoning Lab, University of Wisconsin-Madison

Research Assistant — Starting September 2025

Diyar United Company, Kuwait City, Kuwait

June 2024 - August 2024

Data Analyst

- Implemented Microsoft Power BI to streamline reporting processes, reducing manual reporting time by 30% and enabling quicker decision-making for the sales team.
- Connected Power BI to various data sources, including Excel, SQL databases, and cloud services, integrating over 500,000 rows of data to provide a unified view of sales performance across regions.
- Developed and maintained over 10 interactive dashboards, visualizing key metrics such as revenue growth, customer acquisition rates, and inventory turnover, leading to a 15% increase in data-driven insights for the marketing team.
- Analyzed sales data from 20+ markets, identifying trends, outliers, and actionable insights that contributed to a 10% improvement in quarterly revenue by guiding targeted marketing strategies.

Green Tech Environmental Engineer and Consultants, Assam, India

July 2022 - August 2022

Environmental Research Intern

- Collected and analyzed environmental data as part of field sampling projects.
- Organized and digitized technical records, improving accessibility for internal research.
- Conducted background research to support environmental assessments and reports.

PROJECTS

Smart Meal Planner Web Application | Python, Flask, React, SQLAlchemy, SQLite

- Built a full-stack web application that generates meal plans based on user-defined calorie and budget goals using multi-objective optimization.
- Developed a Flask API backend with a structured SQLAlchemy recipe database and a dynamic React frontend styled with Tailwind CSS.
- Implemented algorithms for cost-efficient, nutritionally balanced meal selection, incorporating ingredient-level filtering and data processing in Python.

Campus Navigation Web Application

- Implemented a web application using Dijkstra's Algorithm to calculate the shortest path, travel times, and furthest destinations between locations on a university campus.
- Developed the backend in Java with a custom GraphADT and integrated data from a .dot file for dynamic graph updates, ensuring accurate and efficient navigation.
- Designed and built a responsive frontend with HTML and CSS, providing user-friendly input fields and dynamic results display for seamless interaction.

EXTRACURRICULARS

Snehalaya NGO for Children, Wisconsin RangDe