

John Doe

Computer Science Student

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EDUCATION

University Name

Bachelor of Science in Computer Science

City, State

Expected May 2028

Coursework: Data Structures and Algorithms, Systems Programming, Computer Architecture, Operating Systems

RESEARCH

Undergraduate Research Assistant

Computer Science Department Research Lab

Aug 2024 – Present

City, State

Automated data preprocessing pipelines using Python to handle structured data.

Used SQL and R to perform exploratory statistical analysis and generate visualizations.

Prepared datasets and analysis summaries for research review discussions.

PROJECTS

Student Course Enrollment System

Developed a relational database schema to manage course and student records.

Built a Python command-line interface with SQL queries for adding and dropping courses.

System Resource Monitoring Tool (CLI)

Implemented a Linux resource monitoring utility in Python to display CPU, RAM, and disk usage.

Parsed data from `/proc` and added logging and configurable command-line arguments.

Public Health Statistical Analysis

Analyzed public health datasets using Python (Pandas) and R.

Created visual summaries to identify demographic trends and communicate findings.

SKILLS

Languages: Python, R, SQL

Data Tools: Pandas, NumPy, Matplotlib, Jupyter

Systems Tools: Linux, Git, Bash, VS Code