

# 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